

## ALBERTA READY-MIXED CONCRETE ASSOCIATION

### PRESIDENTS MESSAGE

And there were shepherds living out in the fields nearby, keeping watch over their flocks at night. An angel of the Lord appeared to them, and the glory of the Lord shone around them, and they were terrified. But the angel said to them, "Do not be afraid. I bring you good news that will cause great joy for all the people. Today in the town of David a Savior has been born to you; he is the Messiah, the Lord. This will be a sign to you: You will find a baby wrapped in cloths and lying in a manger." Luke 2:8-12

We hear this in various forms throughout the Christmas season, but it is the source of why we celebrate. It is the ultimate gift, and it's why we give gifts. The model for gift giving was laid out for us in the form of a baby lying in a manger. It brings to mind stories of parents staying up all night the night before Christmas to put together that special gift for their son or daughter. The true joy of that moment, when the eager children wake to find it, can only be fully appreciated years later when they are grown and have children of their own. If we have trouble comprehending the gift of Jesus, we need only to look at our own capacity to give good gifts and bless our own children.

On behalf of the ARMCA board, Laura, Ed, and Cheryl, I would like to wish all of you a very Merry Christmas. It has been our pleasure to work this past year towards pursuing and accomplishing some of the goals of our association. We want to wish all of you a safe, joyous, and blessed Christmas season.

Looking ahead to 2013, I am eager to continue the vision and momentum created through the diligent work of our committee members, board members, and staff. We are looking ahead to further refine our strategic plan, and partnership with the Cement Association. Information on that can be found on the ARMCA website. I would encourage anyone who has not spent time looking at the ARMCA website to do so. You will find all sorts of practical and informative material including tips for "Cold Weather Concreting".

This association functions in a large part because of the many volunteers who donate countless hours to the various committees and board. It has been very rewarding for me, and a pleasure to work with colleagues and friends with a likeminded purpose. Thank you for considering volunteering for a position on the board or on a committee.

Thank you for supporting your association, and have a safe and happy Christmas and New Year.

Respectfully,

Josh Tanasiychuk  
ARMCA President



**Josh Tanasiychuk**  
President of ARMCA

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## INDUSTRY INFORMATION

### Effect Home Builders Net-Zero Energy Homes

There is more than one path to sustainability when it comes to housing design. The innovative development, known as Belgravia Green, consists of three homes built in the university area. The 1500-square-foot middle house, at 11536-74 Avenue, is a show home for Effect Home Builders, an Edmonton company known for its energy efficient houses. Flanking it on either side are two privately owned custom homes. All three are designed to approach or achieve net-zero energy status, where a house produces as much energy throughout the year as it consumes.

“Over the years we’ve been continually pushing the envelope, building homes that are more and more energy efficient. Belgravia Green brings together a lot of the experience we’ve gathered over the years into one project,” says Les Wold, the company’s managing partner.



“One of the big things we’ve learned is that there are multiple ways to approach building energy efficient homes. That is what we really like about this project. There are three different homes and they are all reaching towards the same goal, but approaching it with different considerations and different technologies.”

Collaboration was key to pulling together the many disparate elements into a cohesive whole, says Wold. Homeowners, local experts and Effect’s team met regularly to hammer out the best way to balance energy efficiency goals with the characteristics of the building sites, the needs of the owners, and the budgets they were working with.

Central to the discussion was the building envelope, which is the foundation of any energy efficient design. All three houses are built to be airtight, with highly efficient heat-recovery ventilation systems used to exchange stale indoor air with fresh outdoor air. The houses each have 10 centimetres of polystyrene under the basement slab to reduce heat loss, as well as three-paned windows filled with high R-value argon gas and 3 coats of Low Emissivity. Two of the houses feature a 30 cm EnerGard wall system that uses engineered wood and expanded polystyrene to achieve an insulation value of R-42, while the third uses 41 cm double stud wood frame to get to R-56.

The houses all have different heating systems, utilizing electric baseboard, geothermal, and air-source heat pump technologies. They are also designed to take advantage of sunlight to passively warm the house. The show home, for example, has a whole bank of windows on the south-facing wall and a concrete main floor that absorbs the sun’s heat and then slowly radiates it to supply 32% of yearly heating for the home.

Sunlight also supplies the electricity the show home needs to run its heating system, lights and appliances and to heat its hot water tanks via a 12 kW solar electric system installed this summer. The modules are tied into Edmonton’s electricity distribution system, allowing the house to feed any excess output onto the grid and draw from it when the solar panels aren’t producing enough to meet the home’s demand.



The other two homes at Belgravia Green are also set up to install solar systems, although the decision about when has yet to be made. Flexibility is deliberately built into the design using “the simple tweak of having a conduit run from the mechanical room up to the roof” to make it easy for homeowners to add the modules when their budgets allow, says Wold.



Solar generation is only one part of the additional cost incurred when building net-zero. Wold estimates the cost is about 7-8% more than a standard house to get these homes to net-zero ready, which includes everything but the solar component. “It’s manageable, and we’re constantly working to keep the cost down.”

There is little doubt that interest in the kind of homes being built at Belgravia Green is growing, says Wold. Two of the homes have sold and the middle show home has just been listed for sale. The show home is also open by appointment. The owners of the Belgravia Green’s easternmost house, currently live next to the site and see that interest every day as passersby stop to check out the project. “It’s very clear to us that there is an appetite for this that’s just on the brink of exploding.”



Ribbon cutting with Mayor Mandel

These homes produce as much energy as they consume and are attracting city-wide attention, including Mayor Stephen Mandel and MLA Kevin Taft who both spoke at the opening ceremony. These homes all have ICF basements and the show home features a 4” thick diamond polished concrete main floor supported by a Hambro Floor system. The basement floor is also diamond polished concrete. Another wow factor is the countertops in the kitchen and bathrooms are diamond polished concrete with exposed integrated recycled glass and integral sinks.

For more information on Belgravia Green, visit Effect’s website at [www.effecthomes.ca](http://www.effecthomes.ca).



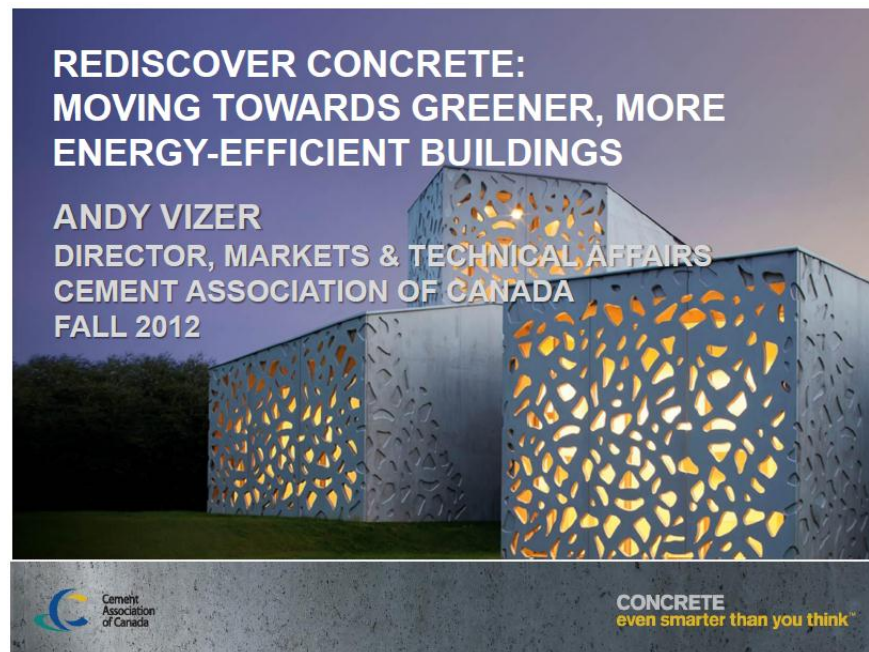
For more information on Belgravia Green, visit Effect’s website at [www.effecthomes.ca](http://www.effecthomes.ca)



## INDUSTRY INFORMATION

### REDISCOVER CONCRETE

The Cement Association of Canada, in conjunction with the concrete industry, is currently hosting “Rediscover Concrete” seminars in major cities across Canada. Invitations to attend these seminars were extended to structural engineers and architects, as well as transportation engineers, and decision makers. The presentations, in Calgary and in Edmonton, on October 24<sup>th</sup> and October 25<sup>th</sup> respectively, were well attended. The power point presentations are available on the home page of the ARMCA website.



## 2012 SEPTEMBER GOLF TOURNAMENT RE CAP

The 22<sup>nd</sup> Annual Golf Classic Tournament and Horse Race was held at the Lacombe Golf and Country Club with 34 teams participating. The weather was fabulous, the food was good, and we had fun! A special thank you to Rick Turpin for organizing another great ARMCA golf tournament! Below is the score card on how everyone fared.

### Team Results:

1. Eugene Berg / Ryan Bisson	Mack Trucks Canada
2. Greg Lunn / Leon Sulzle	D & M Concrete Products Ltd.
3. Allan Spreeman / Steven Fillmore	Reimer Alliance International
4. Brett Bingham / Peter Tanasiychuk	Mooney Insurance Agency
5. Mike Trask / Jason Olinek	SMS Equipment
6. Trevor Jensen / Bill Jensen	GRACE Canada Inc.
7. Steve Street / Darin Gill	D & M Concrete Products
8. Brad Gamell / Dave Watson	Lafarge Canada
9. Lindsay Young / Len Chinski	Lafarge Canada
10. Dan O'Farrell / Rob Lali	Lafarge Canada
11. Corey Stasiuk / Rick Turpin	Inland Concrete
12. Darren Keith / Jason Jessome	SIKA Canada
13. Randy Gifford / Sandy McIntosh	Inland Concrete
14. Jim Montgomery / Barry Martin	Almor Testing Services
15. Peter Bouteiller / Curtis Bouteiller	Inland Concrete
16. Bill Van Gastel / Norm Kuntz	Glover International
17. Neil Sutherland / Dave Tesarski	BURNCO Rock Products

### Individual prizes:

Hole #1 – Longest Drive	Jason Olinek
Hole #3 – Closest to the Pin	Al Fiske
Hole #8 – Closest to the pin in 2	Neil Sutherland
Hole #12 – Closest to the pin if 3	Jason Jessome
Hole #15 – Closest to the pin	Jim Montgomery
Hole #18 – Long Drive	Ryan Bisson

50/50 winner – Colin Brown

**Don't miss out on next year's 23<sup>rd</sup> Golf Classic Tournament and mark your calendars – September 5, 2013.**

## A MESSAGE FROM RICK TURPIN

**Rick Turpin, representing Alberta, attended the Canada Senior Hockey Games in Cape Breton, Nova Scotia in August 2012. Rick has volunteered many hours over the years organizing the ARMCA golf tournaments and participating on various committees, and ARMCA was proud to help sponsor Rick's trip by donating the proceeds from the 50/50 draw at the 2012 ARMCA convention. Following, is Rick's account of the tournament.**

The summer months have always been golf time for me. This year was going to be a little different because in March I was approached by an Alberta 55 plus Hockey organizing committee member. They were putting together the team that would represent Alberta in the 65 plus category in the Canada Senior Games in Cape Breton, Nova Scotia.

First of all I was honored to be selected for the team and then could not wait for the Games to begin. Unfortunately the Games were not until late August. After 5 months of waiting, it was time to get some skating in, so we had 5 exhibition games to prepare. Some of the players were not able to attend all games because of their distance from Calgary but they got skating in at their local rinks.

The plans were made, flights and hotels were all set, it was time to head to Nova Scotia (where I had never been before) and so I arrived a few days before the Games were to begin to do a little sightseeing.

The Games were represented by 8 Provinces and 1 Territory with Opening and Closing Ceremonies being very well organized by the local Cape Bretoners. The Closing Ceremonies were held at the local arena and casino with entertainment from *Men of the Deep* and a Cape Breton icon *Rita McNeil*.

Our team was made up of 15 players and 1 goalie, all from Alberta. With only 1 goalie, we were hoping he never got hurt or sick because none of us were willing to put on the goalie equipment. We were lucky enough that he was able to play all our games. In fact, he actually was not scored on during our preliminary games. We beat the Nova Scotia B team 10 – 0, and then got by the team from Prince Edward Island 1 – 0. Then the A team from Nova Scotia 8 - 0. We were now heading to the finals against a team from Brockville, Ontario (who beat the Alberta team in the finals 2 years ago in the 2010 Senior Games).

Well this year we got our revenge and beat them 3 – 2 to **win GOLD**. It was a great experience for all of us and to win made it extra special.

We are all looking forward to the next Canada Senior Games, as they will be in Sherwood Park, Alberta in 2014. There are no guarantees that any of us will play in 2014, but I am keeping my fingers crossed that I will be able to represent Alberta again.

A special thank you to the ARMCA members in attendance at the 2012 convention!



RICK TURPIN # 26 in the program

**2012  
CANADIAN CHAMPIONS  
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CANADA SENIOR GAMES  
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The gladness of Christmas give you hope,  
The warmth of Christmas grant you love.  
~Author Unknown





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## WELCOME NEW MEMBERS

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# FIRE CODE SAFETY ALERT

## Storage of Windshield Washer Antifreeze

It has come to the attention of this office that windshield washer antifreeze is being stored, and in some cases dispensed, in containers, storage tanks and piping systems that do not comply with the storage, piping and transfer requirements for flammable liquids and combustible liquids in the Alberta Fire Code 2006.

Our research has concluded that windshield washer antifreeze has a flash point of approximately 27°C and as such is deemed to be a Class IC flammable liquid.

In accordance with the requirements of the Alberta Fire Code, Class IC liquids are to be stored in containers meeting the requirements of Section 4.2., "Container Storage and Handling" or in storage tanks conforming to Section 4.3., "Tank Storage" and transferred in accordance with Section 4.5., "Piping and Transfer Systems."

Alberta Municipal Affairs welcomes input from owners and industry on alternatives which may be considered.

Proposals for an alternative solution as per the Alberta Fire Code 2006, Division A, Clause 1.2.1.1.(1)(b) and Division C, Section 2.3. for consideration as a province-wide Fire Code Variance can be forwarded to the Chief Fire Administrator at [safety.services@gov.ab.ca](mailto:safety.services@gov.ab.ca).

November 5, 2012

For more information, please call 1-866-421-6929 or visit  
[www.municipalaffairs.alberta.ca](http://www.municipalaffairs.alberta.ca).

ISBN 978-0-7785-7136-0



## COMMEMORATIVE



### In memory of Donald Melvin Assinger August 14, 1951 - September 2, 2012

In the early morning hours of Sunday, September 2, 2012, God called another angel home.

Don will forever be missed by his loving wife of 37 years Marilyn, his children Janelle (Greg), Andrew (Janelle & Quentin), Jennifer (Jim) and Anna (Jeff). He is also, survived by his brothers Gordon (Janet) and Richard (Diane) and his special princess Lucky. He will also be remembered by numerous in-laws, outlaws, nieces & nephews and a wide circle of friends. Don was pre-deceased by his parents Vincent and Lydia Assinger, and sister Darlene.

Don's family was his pride and joy. He was a man with the highest of integrity. He led with his heart, always putting others ahead of himself.

He will be greatly missed by all who knew him.



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## **IMPORTANT DATES TO REMEMBER:**

### **CLASSES**

#### **Dispatch Training**

Calgary – January 3, 2013  
Edmonton – January 4, 2013 (Full)

#### **Concrete Technology Level 1**

Edmonton -November 27<sup>th</sup>/28<sup>th</sup> (FULL)  
Calgary - December 4<sup>th</sup>/5<sup>th</sup> – (FULL)  
Lethbridge – mid February 2013  
Grande Prairie – mid March 2013

#### **Concrete Technology Level 2**

Edmonton - January, 2013  
Calgary - February, 2013

#### **ACI Field Testing**

Calgary – Tentatively scheduled for April 2013  
Edmonton – Tentatively scheduled for March 2013

As classroom space is limited, we encourage you to register early in order to secure a spot.

**\*\*\* Note: Additional ACI & Concrete Technology classes will be held in the event that 16 students are enrolled. 6 – 8 weeks notification is required to book these extra classes\*\*\***

## **ARMCA'S AGM & CONVENTION**

**May 9 – 11, 2013 Jasper Park Lodge**

### **GOLF TOURNAMENTS**

**June 26, 2013**      **ARMCA Golf Tournament** (Texas Scramble), Lacombe Golf and Country Club

**Sept. 5, 2013**      **ARMCA Golf Tournament** (Two Person Scramble), Lacombe Golf and Country Club  
Registration information to be mailed out in July





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31	2012/04/30	Q-60000 6-9, 16-49	-0.0	300	1881	11.8	1900	11.8	8.5 14.3	3-5	100	100
32	2012/04/30	Q-60000 6-9, 16-49	-0.0	300	1881	11.8	1900	11.8	8.5 14.3	3-5	100	100
33	2012/04/30	Q-60000 6-9, 16-49	-0.0	300	1881	11.8	1900	11.8	8.5 14.3	3-5	100	100
34	2012/04/30	Q-60000 6-9, 16-49	-0.0	300	1881	11.8	1900	11.8	8.5 14.3	3-5	100	100

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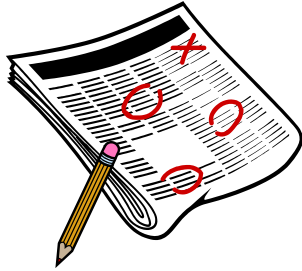
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Business Card		\$100 + GST

If you would like to place an advertisement in the "The Mixer", please forward your high resolution PDF advertisement to the Alberta Ready-Mixed Concrete Association (ARMCA) Office.

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