



February 22nd, 2018: Volume 63, Issue 31

Bulletin Chair: Bev Ostermann

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Photographer: Steve Mason

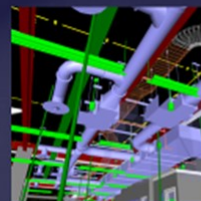
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Gena Rotstein introduced our guest speaker, **Brett Endres**. **Brett** manages the production of Virtual Construction Services and Building Information Modeling for Modern Construction Services of Seattle. He is passionate about trade coordination and the positive impact proper systems integration can have on the constructability and cost of a project. Brett is also the National BIM Trainer for the Mechanical Contractors Association of America (MCAA), as well as a member of the MCAA BIM Committee.

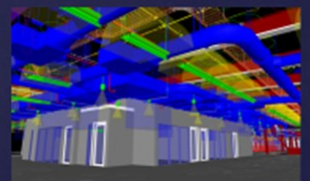
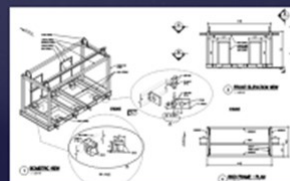
Prior to co-founding Modern Construction Services, Brett's twenty year tenure with University Mechanical Contractors in Seattle, Washington included managing the Technical Services Department responsible for 3D Modeling/Detailing, the Estimating Department, and the Special Projects Group, where he managed design/build tenant improvement projects while supervising the team.

Brett is a proud veteran of the United States Army. He holds an Associates of Arts and Sciences Degree in HVAC System Design, and has completed the BIM 101, Certified Mechanical Project Manager Training Level II and III, and Controls 101 courses through the Mechanical Contractors Association of Western Washington.



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Virtual Construction – (VDC)/BIM



What is VDC/BIM, generally? Building Information Modelling (BIM) is a digital representation of physical and functional character of a facility. A BIM is a shared knowledge resource for information about a facility forming a reliable basis for decisions during its life-cycle, defined as existing from earliest conception to demolition. A basic premise of BIM is collaboration by different stakeholders at different phases of the life-cycle to insert updates or modify information in the BIM to support and reflect the roles of that stakeholder.

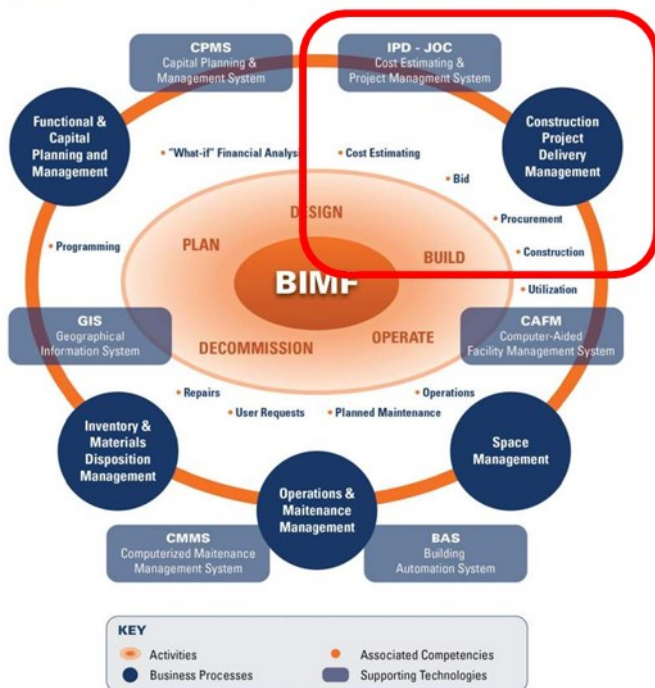
As a practical matter, BIM represents many things, depending upon one's perspective.

Applied to a project, BIM represents information management – data contributed to and shared by all project participants. The right information to the right person at the right time.

To project participants, BIM represents an interoperable process for project delivery – defining how individual teams work and how many teams work together to conceive, design, build, and operate a facility.

To a design team, BIM represents integrated design – leveraging technology solutions, encouraging creativity, providing more feedback, empowering a team.

BUILDING INFORMATION MANAGEMENT FRAMEWORK – BIMF



This talk will concentrate upon the project aspects included in the red box in the above slide – project definition and delivery.

Historically, design has evolved from scratches on a clay tablet, to paper drawings by Master Architects, to design teams distributed by discipline, to 2D CAD drawings to 3D Cad drawings, to complete BIM designs utilizing the latest technology and integration of all aspects of the project.

For contractors, BIM can be applied to all aspects of performance of a project: marketing and business development, estimating, constructability review, spatial coordination, manpower planning, fabrication, productivity tracking and financial control. If used to its full potential VDC/BIM provides improved predictability and profitability.

VDC/BIM allows for improved project execution and reduced cost

One excellent example...

Pre-Fabrication & Manufacturing



VDC/BIM is a powerful process, but the realities are that it is only slowly being adopted by the construction industry.

The process is not aligned with current industry norms, architectural/engineering profit protection can impact willingness to do what is best for project or owner, and software sales seem to drive vision more than practical application.

It is an intensively technology driven field which requires much training and education that is not currently widely available.

How could VDC/BIM affect the members of Calgary South Rotary, or conversely how could Rotary impact VDS/BIM in Calgary?

Owners, Developer, Financial Sector – BIM can have a significant effect upon project definition and final costs, and the probability of achieving goals.

Contractors, Tradesmen – BIM will have a profound impact upon the way projects are executed, and allows greater input to project definition by the trades who will execute the plan.

Educators, Students – new skill sets are required to utilize BIM, and there is a need for educational programs and interested students to enter this new field.

Tech Companies, Construction Suppliers – there is an opportunity for technical companies and construction suppliers to coordinate in order to develop markets for products and services that can be incorporated into designs.

Parents, mentors – as noted above this is a new field that will provide exciting career opportunities to young people interested in the practical application of new technologies.

There are lots of opportunities out there!

Brett's full presentation can be accessed through our website under "Member Resources", "Presentations from Meetings."

Brett can be contacted at: (206) 707-1128 or: brett@modernncs.com or: www.modernncs.com

Brett was thanked by **Ben Steblecki**, who noted that he started in construction 50 years ago using an HB pencil and yellow foolscap, so technology has come a long way. An important advantage to VDS/BIM is the ability to show owners in detail what their finished project will look like, thereby avoiding changes and revisions that cost time and money. A question though – is Virtual Construction paid for in virtual currency?

President Bill added his thanks from the Chair and advised **Brett** that a donation to our Stay in School Program will be made in his name.



President Bill LeClair opened the meeting with "This Day in History": This day in 1980, Al Michaels, with 6 seconds left in one of the greatest upsets in sports history, uttered these famous words – "Do you believe in miracles?" Yes! That was the day the USA men's hockey team beat the Russians 4-3 in the 1980 Olympics in Lake Placid.

Joke of the Day: A woman driving in Arizona noticed an elderly woman standing at the side of the road and stopped to offer her a lift. After proceeding, the passenger noticed a brown paper bag in the back seat and enquired about it. The driver replied that it was a bottle of wine that she had gotten for her husband. After a moment the elderly lady noted "Good trade".

President Bill then asked **Lisa Fernandes** to lead us in the singing of O'Canada and Rotary Grace.



Frank King graced the meeting with a set of the medals and the Olympic Torch from the 1988 Calgary Games.

They were available after the meeting for pictures.

The head table was introduced: **Gena Rotstein**, guest speaker **Brett Endres**, **Major Guy Simms** (welcome back, **Guy**), **Hans Tiedemann** and **Ben Steblecki**.



Visitors and Guests: **Bernie Benning** introduced our visitors and guests. Guest speaker, **Brett Endres**; **Maureen Hutchins**, guest of **Jim**; **Gord Nelson**, guest of **Doug Howard**; **Norm Wilkinson**, guest of **Glen Godlonton** and son of **PP George Wilkinson** (78/79); **Judith Sinclair**, guest of **Ken Farn**; **Espy**, guest of **Sam Switzer**. **Exchange Student Maisa** was also with us

50/50 Draw: **Clive Pringle** awarded the prize to New Member **Lynn Topp**, after a lengthy discussion with **Glen Godlonton** about who really had the winning ticket. Don't get used to winning, **Lynn** (speaking from personal experience).



Dream Home: Yes, it is upon us again, as evidenced by the construction that has already started on the grounds.

Craig Stokke, in his capacity as committee Chair for the second year, introduced the 2017 and 2018 Committee members. There is a lot of continuity from year to year, which should help keep track of all the moving parts that are necessary to achieve the amazing results we are familiar with.

Sergeant at Arms: **Lynn Grant** challenged a number of Members on their knowledge of the current Olympic results, and didn't have much luck stumping them. Their tables paid, however.





Hans Tiedemann introduced the video that is mentioned in the email that he sent out to all members on Feb 20. Although **Hans** is mentioned in the Newsletter the real credit should go to **Jack Haman** who had read the October REP Newsletter, had had some work done at Plastic Works, had spoken with the owner about REP and then suggested that **Hans** should do a follow up and discuss the whole program with **John McBean** – the owner. As you know, **Jack** had been our Director of Club Services – Ways & Means so he knew about REP, and saw a potential opportunity.

As the South Calgary representative on the Steering Committee of the Calgary Rotary Employment (REP) it is **Hans's** responsibility to make our members aware of the REP in the hopes that their company might possibly have an opportunity to be considered or see if any of their business associates might have an opportunity to follow up on just like **Jack** did. So it needs an ongoing ask every so often to remind our members about the program. The program works with Inclusion Alberta to explore potential opportunities for meaningful employment of developmentally disabled persons. It has been in existence for 10 years in Alberta and has placed 500 people (3 years and 50 people in Calgary).

The Newsletter makes readers aware of a REP video that shares 3 other REP successes and also lists a couple of current job seekers. It can be accessed at https://www.youtube.com/watch?v=NdrIm-F_I8I

President Bill quoted from a newspaper article about our own **Larry Kwong**:

The Vancouver Canucks honoured Larry Kwong before the February 17 game, a nod to Chinese New Year. His daughter Kathleen dropped the puck for a ceremonial face-off following a video tribute highlighting Kwong's life and career — born in Vernon, played senior hockey in British Columbia, joined the army during the war, got scouted by the New York Rangers, played a single game in the NHL.

Kwong, 94, lives in Calgary where earlier this month he played host to a Chinese New Year dinner in his name. He is no longer mobile enough to make the trek to Vancouver, having lost both legs to poor circulation caused by diabetes, a particularly cruel fate for someone once so fleet on ice.



The video tribute touched on the adversities Kwong faced without going into detail. A pregame ceremony is not the time. In every part of his life, from his birth to his name to his citizenship status to the roadblocks he faced in pursuing a working life as a professional hockey player, Kwong faced off against discrimination. From the moment of his birth to a Canadian-born mother on Canadian soil, Kwong was considered a resident alien, a foreigner in his own land.

Kwong was feted for being the first player of Asian ancestry in the NHL, for being the first player of colour, for being the first player from the Okanagan region of British Columbia. He was featured on the CBC's The National in an 11-minute report and he was mentioned in the New York Times for the first time since his lone game. A documentary was filmed about him and a short book written. He gained induction into the BC Hockey Hall of Fame and the BC Sports Hall of Fame.

In Calgary, Larry Kwong remains sharp of mind despite his advanced years, though his memory has faded. He no longer can recall specifics of his single game in the NHL. Oddly enough, people know more about it now than ever before

The full article, which is very interesting and worth reading, can be found at

<https://thetyee.ca/News/2018/02/19/Larry-Kwong-NHL/>

President Bill closed the meeting with the request that everybody do an act of kindness today.

Geoff Hughes-Membership Transfer

Geoff Hughes transferred to the Rotary Club of Calgary West effective **January 22, 2018**

CALGARY ROTARACT PRESENTS: HITMEN ROTARY DAY FUND RAISER

Rotary Day will be held on SATURDAY MARCH 3RD at the Saddledome at 7pm seeing the Calgary Hitmen face off against the Regina Pats.

Each ticket costs \$15 with \$5 from every ticket sold going towards Calgary -26 happen!

We've sold almost 400 tickets. We need to sell 1000 in order to get full promotion (jumbotron time and intermission interview) at the Saddledome on March 3rd.

We could do so much more with your help!

PLEASE BUY TICKETS: for yourselves, friends, family, employees, mailman, dog groomer etc...)

The tickets you purchase can be donated to **WINS (Women in Need Society)** so that they can send families who would not otherwise be able to attend a hockey game.

If required, we will happily issue a proposal letter to your club for the amount you think they can donate. Thank you to the clubs that have already done this. Tickets can be purchased or donated by clicking:

<https://www.eventbrite.ca/e/rotary-day-tickets-42030790225?aff=es2> Or email: president@rotaract.com

We also need volunteers to sell raffle tickets at the game where the proceeds will go to WINS. If you are interested in this opportunity please send us an email: president@rotaract.com

We recognize that there are so many worthwhile causes to support within Rotary and are very appreciative that you are contributing to Calgary Rotaract community projects and WINS.

Please pass this message on to whomever you feel would enjoy the game. **Thanks so much**

Career Mentoring at St. Mary's High School

St Mary's High School will hold its career mentoring sessions on Friday mornings starting **February 9th**. The information will be presented to small groups of interested students and provides an opportunity for good dialogue with the students.

The weekly sessions will run from **February 9th to May 25th** with the exception of these school dates: March 23, March 30, April 6, April 20, and May 18.

Sessions will be held at the high school and run from 9 am to 9:45 am under the direction of Susan Huvenaars.

Please contact **Dorothea Schaab** to book a time to speak about your career or business entrepreneur experience.

4-Way Test Public Speaking Competition

St. Mary's High School will hold its annual public speaking competition focused on Rotary's 4-Way Test on the evening of **Tuesday, March 13th**. The event will run from **6:00 pm to 9:00 pm**.

The winning entries will be presented at Calgary South's May 10th luncheon.

The Rotary Club of Calgary South will provide judges to adjudicate the students' presentations and if you are **available to assist in this event March 13th**, please contact **Stan Cichon**.



PROVIDENCE CARE CENTRE

Past President **Keith Davis** presents a cheque for \$7500.00 to **Evelyn Stewart**, Director of Development for the Father Lacombe Care Foundation.

The cheque, from the Small Grants Committee, is to build a water feature in the Rotary Garden, now under construction at the new Providence Care Centre in Midnapore.



Soup Sisters...Warming hearts... one bowl at a time!

The \$10,000 donation is already well on the way to providing even more help to local community shelters including the The Soup Sisters

Toby Oswald Felker is seen here presenting a cheque to the Soup Sisters.

This amazing organization started as a way to celebrate a "Special" birthday of its founder Sharon Hapton in a meaningful way, to a North America wide organization of chapters of thousands of community people coming together across the country to produce over 10,000 servings of fresh and delicious soups for women, children and youth each month.

Since March of 2009, Sharon's simple idea has seen over 1.5 million servings of soup have been delivered to more than 40 shelter recipients and there is an ever growing network of more than 50,000 **Soup Sisters** and **Broth Brothers** participants nationwide

The concept is simple. **Soup Sisters** hold year-round programs where each participant pays a registration fee to join in a soup-making event at a local professional kitchen under the guidance of a chef facilitator. Each event produces approximately 150-200 servings of nourishing soup that are delivered fresh to a local shelter.

Not to sit on their laurel's, Soup sisters continue to grow and flourish and help people in so many communities. For more information check out www.soupsisters.org



This March 3, watch for the first ever National Soup it Forward Day which encourages us to deliver love and kindness by the bowlful. It is a day to encourage everyone to make a difference in each other's lives through the warmth, healing kindness of sharing a bowl of soup.

You are Invited!

THE ANNUAL NEW MEMBERS CELEBRATION

COUNTRY CASUAL GATHERING

APRIL 19TH, 2018
THURSDAY
| 6:30PM



Blue Room, Stampede Park
Tickets \$45
Silent Auction, Cash Bar,
Entertainment, Western Buffet



Wonderful Fun and Fellowship for All to Enjoy!

2018 Invermere Getaway Weekend

Our annual Windermere Valley Getaway Weekend is coming up fast. Our dates this year are:

June 1st, 2nd and 3rd 2018

This year the activities will once again be centered at Copper Point Golf Club, Invermere's most luxurious and breathtaking golf and dining facility. The theme of this year's event will be "Something for Everyone" and will include dining, golfing, hiking, shopping, sight-seeing or just socializing and relaxing.

Activities include our traditional Friday evening mixer, with dinner on Saturday and a hosted private Sunday brunch.

Costs are:

\$150 per person for the entire Saturday golf/weekend dining package

(including carts) excluding accommodations, or

\$85 per person for a Weekend Dining and Fellowship package.

Please save the date and start your planning now.

More details to come!

If you wish to attend, please RSVP markambrose@shaw.ca

Tickets will go on sale soon, so start your planning now.

More details to come!

MARCH 2018

March 1: Mirette Dube: Simulation for Life

March 1: Ronald McDonald House Dinner Prep (need 6 volunteers)

March 8: Diabetes Speaker

March 15: St. Patrick's Day

March 22: Art Borzel: Rotary Profile

March 29: To Be Determined



APRIL 2018

April 5: Ken Farn: Rotary Bethany Update

April 12: David Docherty: Mount Royal University

April 19: New Member Celebration Evening Meeting (6:30pm) at the Blue Room

April 26: Terry McDonough (Deceased): Rotary Profile

April 30: Mustard Seed Dinner Prep (need 20 volunteers)

MAY 2018

May 3: Dream Home Registration Kick off

May 10: St. Mary's 4 Way Test Contest

May 17: Copithorne Family History

May 24: Stay In School Luncheon: Carriage House Inn

May 25: President's Party: Acadia Rec Centre

May 28: Mustard Seed Dinner Prep (need 20 volunteers)

May 31: Dick Shaw: Rotary Profile



JUNE 2018

June 7: To Be Determined

June 14: Stampede President Presentation

June 21: Small Grants Charity Day Presentation

June 28: Changing of the Guard, WCS and Large Grants Presentation



JULY 2018

July 5: Dream Home Kickoff

July 12: No Meeting Due to Dream Home Operations

July 19: To Be Determined

July 26: No Meeting Due to SIS Golf Tournament



AUGUST 2018

Aug 2: Inaugural Address

Aug 9: To Be Determined

Aug 16: To Be Determined

Aug 23: To Be Determined

Aug 30: To Be Determined

Health, Wellness & Transportation:

Contact Earl Huson: ehuslink@telusplanet.net or: 403 686-0828 if you know of anyone that is not well, that could use a visit or a ride to a Rotary Meeting.

Don O'Dwyer: Chair: Health Wellness and Transportation Committee



PLEASE NOTE: **Kathyann Reginato** will be away from the office from: **February 19th to February 23rd**

Rotary Club of Calgary South

Rotary International President: Ian H.S. Riseley
District 5360 Governor: Rick Istead

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Visit us at: www.rotarycs.org

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2017 2018 Club Officers

President: Bill LeClair:
President-Elect: Ron Prokosch:
Past President: Ken Farn:
Club Secretary: Don Bacon:
Treasurer: Larry Kennedy:
Partners President: Karen Grant:

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donbacon@shaw.ca
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2017 2018 Directors

District 5360 Representative: Sherry Austin
Club Service: Operations: Steve Mason
Club Service: Membership and Social: Glen Godlonton
Club Service: Ways & Means: Gordon Weicker
Community Service: Jim Hutchens
Community Service: Ways & Means: Dana Hunter
International & Vocational Service: Kevin MacLeod
Youth Service: Stacey Johnson

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Other Important Contacts

Audit Treasury and Finance Chair: Don Mintz
Dream Home Chair: Craig Stokke
Health Wellness & Transportation Chair: Don O'Dwyer
Large Grants Chair: Bob Brawn
Small Grants Chair: Mark Ambrose
Social Committee Chair: Toby Oswald-Felker
Stay In School Scholarship Program Chair: Bill Sumner
Programs and Tours Chair: Jim Fitzowich
World Community Service Chair: Jamie Moorhouse

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