



APRIL 2015

Newsletter of the Northern Virginia Chapter Construction Specifications Institute

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DINNER MENU

Dinner Salad
Choice 1: Chicken Florentine
Choice 2: Crusted Mahi-mahi
Choice 3: Vegetarian Dish
 Chef's choice of the following:
 • Goat Cheese Ravioli
 • Mushroom Ravioli
 • Vegetable Lasagna
 Dessert: Chef's choice

PRICES

Members: \$18 + \$1.89 CC Fee
Non-Members or Retired:
 \$48 + \$3.39 CC Fee
Table Top: \$275 + \$14.74 CC Fee

SCHEDULE

6 pm: Social hour
7 pm: Dinner
8 pm: Program

LOCATION

Washington Dulles Airport
 Marriott Hotel
 45020 Aviation Drive
 Sterling, VA 20166

CHAPTER MEETING - APRIL 8, 2015

Building a Project Manual SPECIFICATIONS for Architects & Manufacturers

Description: Producing and assembling specifications is a complex process. The specifier orchestrates and directs the process as well as researches and edits the sections with assistance from the manufacturer representatives. This presentation will describe the process of using a checklist to organize and create a project manual for a typical project.

Learning Objectives: Upon completion, the participant will be able to understand:

- What manufacture representatives need to know about marketing to a specifier.
- How to maintain a checklist with good product data.
- What software tools and shortcuts are used to improve efficiency.
- How the project team is managed to produce a consistent and coordinated set of specifications.
- What resources are used to streamline the specifications process.



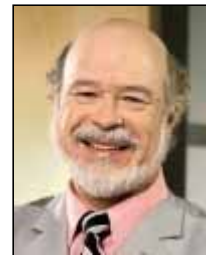
Speakers:



David Lorenzini, FCSI, CCS, SCIP

Owner of Architectural Resources Company, Leesburg, VA, providing specifications services as an independent specifier for 31 years. Prior experience includes principal of an architectural firm and as a project architect for 19 years. David has degrees in Architectural Engineering and

Speaker Bio continued on page 4



William Pegues, FCSI, CCS, SCIP affiliate

Associate Principal Specifications and Research with WDG Architecture, Washington, DC and Dallas, TX, 39 years writing architectural specifications for commercial, high rise residential, hotel/hospitality, interiors, government, and historical restoration projects, degree in Architecture.

Speaker Bio continued on page 4

Register for the meeting at <http://nova.csinet.org> by noon April 3, 2015
 Questions? Please send them to csinorthernva@google.com.

Schedule of FY2015 Chapter Meetings and Presentations

September 16, 2014

SNMAAHC Museum tour
Cynthia Heimann/Henry Doyle

October 8, 2014

Form Based Codes
Erik Aulestia

November 12, 2014

Solar Reflectivity Analysis for
Curtainwall Buildings
Vicente Montes

December 10, 2014

Utilization of Radio Frequency
Identification in Projects Today
Patrick Thomas

January 14, 2015 Anniv. Banquet

Metro Silver Line Update
Kevin Volbrecht

February 11, 2015

Cold Formed Steel Framing
Systems
Anthony Stazzone

March 11, 2015

Building Envelope
Nigel Nestor & John Bishop

☆ April 8, 2015

Building a Project Manual
David Lorenzini & William Pegues

May 13, 2015

Vinyl in Design
Terry Murphy

June 10, 2015 Awards Banquet

2nd Annual Trade Show, Hors
d'Oeuvres, Desserts, Wine &
Awards *Mike Clancy*

July/August 2015

Board Transition and Summer
Planning Meeting

Topics subject to change.



APRIL 1, 2015

PRESIDENT'S MESSAGE

Luigi Grande, *NOVA CSI President*



Dear CSI Members,

I can confidently say that, because of CSI, we share a common interest in the betterment of the commercial construction industry. We are in many ways, in most of our projects, stakeholders of documents that use a well-defined process that depicts our thoughts and specify building products and assemblies (and obviously subject to litigations when not properly orchestrated).

Understanding that process through the CDT certificate study can allow you to perform your job with a higher level of competency and assurance, and also with a delivery of a better end quality product. Learning is an endless task, however being involved and being professionally trained can contribute to avoid pit falls. We are very vulnerable when dealing with design and construction activities. The amount of components that are part of the execution of design of a building are astounding. We need to be prepared to learn from our mistakes, face the challenges, train ourselves, and obviously not repeat the same errors.

Looking at individual reasons why people have joined CSI, I came to the conclusion that the greatest benefit of our association with CSI is the wealth of information that each one of our members can contribute, as well as the camaraderie.

I am very thankful for all the support I am getting from the Board of Directors, committee chairs, and our membership. This entire conglomeration of people forms an organization that became part of my life, and although my continuous commitment is required as the President of NOVA CSI, there are no strings attached, just a continuing sailing.

If we compare with the present chaos that so many companies are experiencing, including uncertainty being felt by people in their paid jobs, CSI is a pretty safe place to be, and I love it.

This year I am planning to attend the 2015 Mid-Atlantic Region Conference in Concordville (outside Philadelphia) from April 30 to May 3. I truly hope to see you all there. This Conference, like others, will have the usual blend of interesting education sessions, wonderful product show, and some great activities hosted by the Philadelphia Chapter CSI. All these activities are great, and of course will be worth your trip if you decide to go. This will also give you an opportunity to reconnect with other CSI folks from all over our region.

I hope I'll see you all there! ❖

Luigi

CAREER CENTER

Employers with Job Opportunities For Our Job Seeking Members:

The Board of Directors has decided to be an intermediary between potential companies that are looking for candidates and some of our members that are struggling with the loss of their jobs. The Chapter will allow employers with available positions, and for members seeking positions, to post their requirements and their qualifications in our newsletter for free. The information will be streamlined in such a way so that contact between these two entities can be established. Long dissertation will not be allowed, maximum 300 characters with spaces.

Here is an Example: *Complete professional services of licensed Architect needed in Northern VA area for proposed two-story house of approximately 3500 square footage. For more information, please call: 703-xxx-xxxx and ask for Mr. Jones.*

Please send requirements to Editor at deloren@verizon.net. ❖

NOVA MEMBER ANNIVERSARY DATES

April 2015

- Amy Kilburn 25 years
Einhorn Yaffee Prescott
- Alan Geary 19 years
(Seeking Employment)
- Michael Kelley 16 years
Vornado Realty Trust
- Scott Ewing 2 years
Mid-Atlantic Construction Specialties

RENEWAL DATE REMINDERS

April 2015

- Anny Batista.....04/30/2015
- Alan Geary04/30/2015
- Amy Kilburn04/30/2015
- Michael Montgomery ..04/30/2015
- Michael Stenberg.....04/30/2015

May 2015

- Michael Kelley5/31/2015
- Kenneth Lyons5/31/2015
- John Weber5/31/2015



APRIL 5, 2015



APRIL 7, 2015

EDUCATION, TECHNICAL, AND CERTIFICATION

John Geniesse, NOVA CSI Education/Technical/Certification Committee Co-Chair and First Vice President



CSI Academies: CCSs, CCCAs, and CCPRs, develop your professional skills and earn Certification Renewal Credits at the CSI Academies.

Sessions in the CSI Product Representative Academy (PRA), Construction Specifier Academy (CSA), and Construction Contract Administrator Academy (CAA) will qualify for *CCPR*, *CCS*, or *CCCA* renewal credit hours.

Certificate/Certification Dates:

Spring National Exam Dates: March 30, 2015 - May 9, 2015

Certification Exam Study Aids:



Study Workbooks

CSI study workbooks include exercises, examples, key terms, and practice questions designed to help candidates prepare for their exams. Workbooks are downloadable for the CDT, CCCA, CCPR, and CCS exams.

On-Demand Prep Courses

CSI offers a series of on-demand webinars to help candidates prepare for the CDT, CCCA, CCPR, and CCS exams.

Project Delivery Flash Cards

CSI CDT Project Delivery flash cards help increase your knowledge of the fundamentals and formats of construction documents. Use them with a colleague to quickly test your knowledge or to study for a certification exam. Free online at <http://quizlet.com> (search CSI CDT: Module 3).

2015 Dates to Remember:

CSI Academies: San Francisco, CA - April 16-18, 2015. (Final registration April 9, 2015)

DHI Industry Convention ConNEXTions: Baltimore, MD - April 29 - May 1, 2015.

MARC 2015: Best Western Plus Hotel, Concordville, PA - April 30-May 3, 2015.

NOVA Chapter Annual Hors d'Oeuvres, Desserts & Awards (+ Wine) - June 10, 2015.

Construct and Annual CSI Convention: St Louis , MO - September 30- October 3, 2015. ❖

ADVERTISING IN NOVASPEC

Get your business card distributed all over the Middle Atlantic Region and help support the Northern Virginia Chapter CSI at the same time.

Business card size ads will be displayed on a space-available basis and distributed to all members of Mid-Atlantic Region CSI chapters which normally receive monthly issues of Novaspec. This is a potential circulation of 1500. In addition, a company logo will be posted on the Chapter website during the ad subscription period. Rate will be \$200 for one business card size ad displayed in 10 issues. The ads may not necessarily be displayed on consecutive months, which means the ads could run for more than a year. Questions: Contact the Editor at deloren@verizon.net.

Original art must be provided in business card size (3-1/2 inches wide by 2 inches high) for use in the newsletter. Color is acceptable. Also submit a company logo in jpg format for use on the website. Logos will be adjusted to a common size for display. Orders must be sent to deloren@verizon.net along with artwork, check made payable to Northern Virginia Chapter CSI, and contact information. Deadline for each month's issue is the 20th of the previous month.

Contact Mike Clancy to reserve a Table Top display at the next Chapter meeting. ❖

Past Presidents of Northern Virginia CSI

Listed by Fiscal Year Dates

- 1992 William C. Pegues
 - 1993 William C. Pegues
 - 1994 Joseph A. Wintz III*
 - 1995 Henry Doyle
 - 1996 Steve Szoke **
 - 1997 Michael Clancy
 - 1998 Gloria Buchanan
 - 1999 Brian Trimble
 - 2000 Jean Carr ***
 - 2001 Robert Morris III
 - 2002 William Pegues
 - 2003 David Lorenzini
 - 2004 Mary-Ellen Pfister
 - 2005 Marshall Moss
 - 2006 Diane Pittman
 - 2007 Alan Geary
 - 2008 Alan Geary
 - 2009 Jason McKay
 - 2010 Jason McKay
 - 2011 Paul Brosnahan
 - 2012 Deborah MacPherson
 - 2013 Deborah MacPherson
 - 2014 Luigi Grande
 - 2015 Luigi Grande
- * Senior Lecturer at Clemson University, South Carolina.
 ** Relocated to Illinois
 *** Retired to Florida



APRIL 22, 2015

NOVA CHAPTER ELECTION UNDER WAY

Election of Chapter Board Members are underway.

Electronic ballots have been sent out for the election of Northern Virginia Chapter CSI Board members for FY2016. According to our bylaws, President Elect Jesse Oak will move up to President for a 2-year term, current President Luigi Grande will become Immediate Past President, and Immediate Past President Deborah MacPherson will step down.



Positions open for election this year are President-Elect, 1st Vice President, Treasurer, and five Directors. One Director will be appointed to 2nd Vice-President by the Board. There will also be a chance for members to get involved in Chapter activities by responding to a list of volunteer opportunities.

Your vote is important, so make sure you have received the email announcement. If not, contact OakJ@pbworld.com. Balloting is being conducted online by Survey Monkey up until April 8, 2015, when paper ballots will be available at the Chapter meeting. ❖

MID-ATLANTIC REGION ELECTION RESULTS

INSTITUTE

Director, Middle Atlantic Region.....Marvin Kemp, CSI, CDT

REGION

PresidentGail Lynn Nagie, CSI, CDT
 1st Vice President.....Ronnah Leah .E. Prindible, CSI
 2nd Vice PresidentTom P. Feulmer Jr., CSI, CCS, CCA
 SecretarySteven T. Lawrey, CSI, CCS, CCA

SPONSORS CORNER

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 GREENBELT, MARYLAND 20770

DAVID LORENZINI SPEAKER DESCRIPTION (CONTINUED FROM PAGE 1)

in Building Science. He has experience in most building types, but specializes in higher education and office projects in Southern California. He has served as chair of several CSI committees, including the Drawings Subcommittee and the SectionFormat/PageFormat Task Team. ❖

WILLIAM PEGUES SPEAKER DESCRIPTION (CONTINUED FROM PAGE 1)

Founding President of the Northern Virginia Chapter of the Construction Specifications Institute (CSI), Fellow of CSI. ❖

INNOVATIVE MATERIALS

More on the future of materials. This is a continuation of our series on state of the art products that may trigger your curiosity.

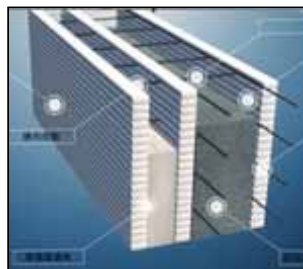
World's First 3D Printed Villa and Tallest 3D Printed Apartment Building

On March 29, 2014, ten 3D printed houses, each measuring 200 square meters, appeared in Shanghai, China. The buildings were created entirely out of concrete using a gigantic 3D printer. The company behind these 3D printed buildings, Shanghai WinSun Decoration Design Engineering Co., made an announcement that takes 3D printed buildings to a whole new level. They have built the highest 3D printed building, a 5-story residential apartment, and the world's first 3D printed villa. The villa measures 11,840 square feet of floor area, and comes complete with internal and external trim features.



The company's success is due to their unique and leading techniques. First is their exclusive 3D printing "ink", which is a mixture of recycled construction waste, glass fiber, steel, cement, and special additives. Waste from recycling construction and mine waste produces a lot of carbon emissions, but with 3D printing, the company has turned that waste into brand new building materials. This process also means that construction workers are at less risk of coming into contact with hazardous materials or work environments.

The second technique is that the printer used to build the houses is 22 feet high by 33 feet wide by 492 feet long. This is the world's first continuous printing 3D printer, and the largest 3D house printer in the world. The sheer size of the printer allows for a 10x increase in production efficiency. Estimates are that 3D printing technology can save between 30 and 60 percent of building materials and can shorten production times by 50 to 70 percent, while decreasing labor costs by 50 to 80 percent. Future applications include 3D printed bridges and tall office buildings that can be built right on site.



These two houses are in full compliance with the relevant building standards. They are safe, reliable, and feature an integration of architecture and decoration. There is no specific national building standard for 3D printing architecture, so there is a need to revise and improve such a standard for the future. Over the next three years, they will set up factories in the United States and more than 20 other countries in order to popularize 3D printing buildings. They also aim to provide cheap and efficient homes for low-income families, especially for the Middle East and Africa. The first series of 3D printing equipment is already set to be shipped abroad.

By improving efficiency, reducing waste, and making construction sites less dangerous and also less of an eyesore, we could change the very way that we think about construction. 3D printed houses could create family homes in areas where building was previously too difficult or too expensive, and eventually even create schools and commercial buildings. Once they get the ball rolling, it's not hard to imagine going from a 3D printed villa, to a 3D printed village. ❖

Our readers are encouraged to submit their experiences with these types of products for publication in future issues.

UNOFFICIAL SUMMARY OF MARCH 2015 BOARD MEETING MINUTES

Michael Montgomery, *NOVA Secretary***Call to Order:**

- Luigi Grande, President of the NOVA Chapter, called the March 2015 regular meeting of the Board of Directors to order on Wednesday, 11 February 2015 at 5:16 pm at the Washington-Dulles Airport Marriott Hotel.
- **President's Report and Discussion Items:**
 - **President's Ongoing Initiatives:**
 - **Retired Members:** The annual cost of NOVA Chapter dues for retired members who attend more than five monthly meetings is higher than the regular member cost for the same attendance and continues to increase with additional meetings
 - Luigi does not desire to have chapter dues serve as a disincentive for members eligible for retired status and discourage them from attending meetings.
 - Luigi charged the Finance Committee (Diane Pittman - Chair, Henry Doyle, Jesse Oak, Mike Montgomery, and Jason McKay) to review the dues structures for retired status for both Institute and Chapter levels and provide a report and recommendations at the May meeting.
 - **MARC 2018:**
 - Lorenzini reported a rescheduling of the meeting with the proposed hotel representative to April 18.
 - We are currently 37 months out from MARC18 and still on schedule.
 - **Cloning:** Luigi called on all present to provide the names of their "clones".
 - Some were proposed. Some were pending.
 - The Editor is seeking a Microsoft Word expert who would like to assist publishing the newsletter.
 - Jesse recommended development of a procedural "Handbook" for committee management to be kept on our Google Drive for reference.
 - Luigi recommended another technical procedure training session be conducted for the board and committee chairs. He requested that Jesse prepare a short session to be presented at the Summer Planning Session.
 - **Membership:**
 - Luigi developed a draft meal voucher form for new members and distributed it to the board for review. Directors were requested to send recommendations to improve the form to Luigi and Dan Cammer to evaluate.
 - Contacting other professional organizations for the purpose of cross-advertising through newsletters and websites. Bill Rains has a short list of organizations and will begin contacting them.
 - Contacting employers to sell our membership benefit. Mike Montgomery will complete the volunteer appeal.
 - **Blurb/Newsletter/Website:**
 - Tom McConnell is encountering difficulties developing a filtered list of manufacturers to contact. Several sources were suggested to assist in the initiative.
 - **Meeting Presentations:**
 - Luigi received feedback from Robert Beach & Associates regarding a comment from a CSI member on the promotional content of the Building Codes and Standards presentation at the May 2014 meeting. Other than avoidance of corporate advertising, our instructions on presentation content may not be completely clear on timing and topic. The Program Committee will review our instructions and online content for clarity and implement required changes.
 - **Treasurer:** Pittman provided current account balances: Checking: \$5,446.95; CD: \$5,133.10; Total: \$10,580.05.
 - Jesse reported EventBrite payments are up to date.
 - Diane noted that Institute has not sent any dues payments this month.
 - **Committees:**
 - **Programs:** Cynthia Heimann, Chair:
 - Cynthia reported the April and May programs are confirmed.
 - **Electronic Communications:** Jesse Oak, Chair:
 - Jesse was unable to get a board election ballot published. He will contact Deb MacPherson to resolve the complete list of board candidates and publish an electronic ballot.
 - A printed ballot will also need to be available at the April meeting for those who are unable to vote online.
 - **Education/Technical/ Certification:** Mike Clancy/John Geniesse, Co-Chairs:
 - June 2015 "Dessert" Event:
 - Mike Clancy reported there are currently three prospective vendor participants on the waiting list.



Meeting Minutes continued on page 7.

Chapter Board of Directors

President, 2015	Luigi Grande.....	luigig2288@verizon.net
President-Elect, 2015	Jesse Oak	oakj@pbworld.com
Immediate Past Pres.	Deborah MacPherson ..	dmacpherson@cannondesign.com
1st Vice President	John Geniesse	jgeniesse@stanleyworks.com
2nd Vice President	Tom McConnell.....	tom@construxva.com
Secretary, 2016	Mike Montgomery.....	mbmonty@embarqmail.com
Treasurer, 2015	Diane Pittman	diane.pittman@cox.com
Director, 2016	Robert Trafton	rtrafton@nehmer.com
Director, 2016	Ken Lyons.....	k_lyons@verizon.net
Director, 2015	Cynthia Heimann	cheimann@kgdarchitecture.com
Director, 2015	Dan Cammer	d.cammer@rebarchitects.com
Director, 2015	Mike Clancy	mclancy1@verizon.net
Director, 2015	Bill Rains	bill.rains@sherwin.com

Chapter Committees

Awards	Bill Rains	bill.rains@sherwin.com
Editor	David Lorenzini	deloren@verizon.net
Electronic Comm.	Jesse Oak	joak@pbheeryamericas.com
E.T.C.*	Mike Clancy/John Geniesse, Co-Chairs mclancy1@verizon.net / jgeniesse@stanleyworks.com *(Education/Technical/Certification)	
Finance	Diane Pittman	diane.pittman@cox.com
Historian	Deb MacPherson	dmacpherson@cannondesign.com
House	Jason McKay	jmckay@isolatek.com
Membership	Dan Cammer	d.cammer@rebarchitects.com
Nominating	Deb MacPherson	dmacpherson@cannondesign.com
Programs	Cynthia Heimann	cheimann@kgdarchitecture.com

Middle Atlantic Region

President Margaret Chewning.....mgcccs@spexresources.com

Institute

Director Raymond Gaines.....gaines5@ntelos.net

ONLY ONE MORE MONTH TO MARC 2015



CSI Mid-Atlantic Region Conference 2015
BEST WESTERN PLUS Concordville Hotel

Save the date—April 30 to May 3, 2015—Visit www.marc2015.org

Editor's Corner

Comments regarding this newsletter are welcome. Original contributed articles are encouraged. Submit them in Word DOC format to deloren@verizon.net. Articles should be concise and to the point, accompanied by graphics, if applicable, in JPG format. ❖

Editorial Policy: NOVASPEC acts as a moderator without approving, disapproving, or guaranteeing the validity of accuracy of any data, claim, or opinion appearing under a byline or obtained or quoted from an acknowledged source. The opinions expressed by authors do not necessarily reflect the official views of the Northern Virginia Chapter CSI or The Construction Specifications Institute.

All material for each issue must be received by the Editor 3 weeks before the next Chapter meeting date.

The Construction Specifications Institute (CSI) is a nationwide, nonprofit, technical organization dedicated to the advancement of construction technology through communications, education, research, and service. Founded in 1948, CSI provides a forum for architects, engineers, specification writers, contractors, suppliers, and others in the industry.

Our mailing address: Northern Virginia Chapter CSI, PO Box 223415, Chantilly, VA 20153, 703-402-0903, <http://nova.csinet.org/>

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BOARD MEETING MINUTES (CONTINUED FROM PAGE 6)

- Mike is building a list of local firms to invite staffs to participate in the event.
- The committee is investigating the advisability of a one-time liability policy to cover the event since wine will be served.
- **Adjournment:** There being no further business, President Grande declared the meeting adjourned at 6:16 pm. ❖

