On the Job Site — University of Alberta: The PAW Centre

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The 47th Annual NISD Conference
WILL BE HELD AT THE
Holiday Inn Express – Downtown Nashville
920 Broadway, Nashville, TN 37203 | Tel: (615) 244-0150 Fax: (615)244-0445

This year we have once again scheduled our annual meeting to coincide with the AISC Convention (NASCC) so that we can have some joint speakers and save on travel expenses. The conference will be in Downtown Nashville and will begin with an evening cocktail meeting on Friday, March 27, 2015. The NISD conference sessions are during the day on Saturday, March 28. The President's Banquet will also be held that evening.

Hotel arrangements can be made through the NASCC conference at a number of hotels starting at $179.00 (USD) per night plus tax. You must reserve your room by March 17, 2015 to take advantage of the NASCC rates. To book rooms, please follow the instructions from the NASCC conference web site at www.aisc.org or call directly: 1-800-830-5812 (North America) or (972)349-5930 from outside of North America. Please note that visitors from all countries need a valid passport to enter the United States.

Please let us know if you plan to attend the annual meeting. Fill out the registration form and return it to Karolyn Linn by March 10, 2015. Thanks for your cooperation.
This issue of the Connection contains some news of the 2014 Annual Meeting that took place on March 28 & 29 in Toronto, Ontario. Additionally, the Board of Directors meeting held there on March 29th produced some startling news about new officers in NISD. Find out all about it in this issue.

I do feel sorry and a little embarrassed that it has taken me such a long time to get this Connection completed. It has been a work in progress for much too long a time. I’m pretty sure that all of us detailers have been over-burdened this year with very heavy workloads and that is certainly much of the reason for the lateness of this issue.

After the board meeting in Toronto, there was a teleconference meeting of the board to firm up some of the proposed reorganization changes that had been discussed in Toronto. In my effort to keep all NISD members in the loop concerning what I would consider to be a flurry of board activity, I have also included summaries or highlights of a special board meeting that was held in Chicago on August 23rd and after that another teleconference meeting that took place on November 5th.

This all comes to a total of four board meetings within an 8-month period. That should give you a good idea of how very active our Board of Directors has been this year and in this issue I will endeavor to keep you up to date on any important board developments that have occurred in these meetings.
NISD – Modernizing for the Future

Well, it has been a tumultuous and busy year for most of us in the detailing business, and for those of us involved with NISD. Hopefully it has been busy for all of you, and that “busy-ness” is good. Most of the time that is the case, but it’s not always so.

I guess this message is a “Hello” and sort of an introductory note from me. At our last Annual Meeting in Toronto it was with sadness that we had to read a letter of resignation from our President, Mike Bowers. Mike has had to step down from the Presidency due to a number of personal issues. I have a tremendous amount of respect and admiration for Mike and there is a lot that he did for the NISD behind the scenes and without being asked or credited. He will be missed as a member of the Board of Directors, but is still contributing on some of our committee work. With Mike’s resignation, I was asked by the Board to assume the office of the President. This selection was approved by the Board and Alden Prier was nominated by the Board and has accepted the office of Vice President. I would like to thank Alden for stepping up to the plate and accepting this job. I am very pleased to have him serving in this capacity.

The board of directors has been very busy on a number of new and exciting fronts. We are hoping to initiate some changes in the organization that will move us forward, increase benefits for our members and add new membership. In his message in the last Connection, Mike Bowers mentioned the beginnings of some of these changes. The NISD Board of Directors has been doing a great deal of research and planning toward setting up a new and better, more modern structure for our organization. We have been working on going to an all “At-large” membership, thus eliminating the current chapter structure. Of course any regional chapters who want to continue meeting locally will be perfectly free to do so. They will just be voting individually as Members At-large. In this new structure, seven board members representing geographic areas, would be nominated by a five member nominating committee appointed by the officers. These directors would serve staggered terms of either three or four years. This is just a brief outline of the governing structure that we are working on and further information will be forthcoming as we explore the necessary changes to our constitution and prepare to take it to the membership for a vote.

We have been working on some other exciting changes as well. In addition to strengthening our position and relationship with the AISC and SEAA, we have been building our relationship with the Steel Joist Institute (SJI) and Steel Deck Institute (SDI). We are revamping our entire IDC testing program. The tests and re-tests are now in the process of being re-written and re-checked. Our board members and committee chairs are working with ADDA and detailing software companies in developing a web based, computer examination that we will be reporting more on as we move closer to completion.

Our QP Committee is exploring a change to the auditing portion of the program in which we would establish a review committee of members of the steel industry community who would recommend either approval or “make-corrections” for QPP certification.

We plan to begin sending newsletters to the membership on a regular basis after our board meetings to help keep you better informed about board activity.

So to quote a line from an old broadcaster “Stand by for news!”

Training, Safety, Leadership – Training Spotlight
AISC and IMPACT Introduce Steel Detailer Training Series

Originally developed by AISC and the National Institute of Steel Detailing, the AISC Detailer Training Series is being made available as a free web-based service thanks to funding from IMPACT.

The DTS program provides an introduction and overview of the roles and responsibilities of the steel detailer. This program consists of 10 Modules – most with multiple parts. Each of these parts consists of a series of videos, followed by a quiz pertaining to the concepts covered in that section. Click on a module listing on the DTS page to begin. At the end of the (entire) course is a final exam. A certificate of completion is earned upon passing this exam. Each exam can be repeated until a passing score is achieved.
The 2014 Annual Meeting

by John Linn

This year’s Annual Meeting featured six excellent speakers who gave a wide variety of different presentations on topics of interest to all of us who live and work in the wonderful world of steel detailing.

Our 2014 Annual was held in conjunction with the North American Steel Construction Conference (NASCC) which was located this year in Toronto, Ontario.

The NISD board of directors has decided to hold the next several annual meetings in tandem with NASCC for a number of good reasons; we can save on travel time and cost by combining two functions. It gives us greater diversity of interest by having two different events combined into one. We have more opportunity to attract industry speakers who are already in attendance at NASCC. Our members get the opportunity to meet more people from the steel construction industry and learn about new developments in steel fabrication, steel erection and the latest technical advancements in steel detailing.

Combining the two events is good for NASCC by having more people in attendance and it’s good for NISD to have greater visibility in the steel industry. NISD already provides many speakers at NASCC and we maintain a booth on the exhibit floor every year. We already play a fairly large role at NASCC, but by increasing the number of NISD members in attendance, we can make an even greater impact at the event and also provide a more meaningful experience for our members.

NISD would like to give special thanks to the generous sponsors who contributed to this year’s Annual Meeting. If you ever have the opportunity to thank them personally please let them know that you do appreciate their participation and contributions to our annual meeting.

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ANNUAL MEETING SPEAKERS

Luke Faulkner

The first of our six speakers was Luke Faulkner of AISC. He spoke about the implementation of BIM (Building Information Modeling) and its many advantages in steel construction.

Don Griggs

Don Griggs of Tekla, Inc. spoke on behalf of SEAA (Steel Erectors Association of America). He gave us a brief history of the development of the BIM process which has now developed into a useful tool in building information management.

Douglas Luciani

Douglas Luciani, President of the CWB Group in Ontario, Canada. Doug gave us a sketch of the work being done by CWB Group to help attract more interest in the occupation of welding in Canada. CWB Group actively promotes welding through their many programs and they are working with the Canadian government to require off-shore projects be made to conform to the same standards as those imposed on Canadian workers (it’s only fair).

Hellen Christodoulou

Hellen Christodoulou, Quebec Regional Director of CISC. Hellen spoke to some of the various programs of the CISC in promoting steel construction in Canada. She is very active as a member of the Canadian Standards Association, The Short Span Steel Alliance, The Coalition for Fair & Free Choice of Materials and for Equal and Durable Practices in Construction.

Jill Engerman

Jill Engerman of New Millennium Building Systems. Jill has been working in detailing in various fields for 14 years. She is currently focused on implementing BIM in all detailing departments at New Millennium, a company that is a member of both the Steel Joist Institute and the Steel Deck Institute. Jill was joined in her talk by our next speaker Tony Burke of Vulcraft.

Tony Burke

Tony is currently the engineering manager of their facility located at Chemung, NY. Their joint talk took an unexpected turn after they had both made statements about how well joist companies work with steel detailers to provide the necessary information we need for such things as joist chord and web member sizes, seat dimensions, erection hole locations, etc., etc.

Many detailers in attendance spoke up about how hard it has been for them to obtain joist dimensions in a timely manner.

In the end, the discussion turned out to be very positive. They want to see what they can do to remedy this problem. Many times the joist fabrication must change member sizes due to steel size availability.

NISD and the joist manufacturers will begin to work together to see what can be done to improve the flow of information between them.
Marketing Report

Elevate: Tekla North America User Meeting 2014

by Kerri Olsen

Held at the San Antonio Marriott Rivercenter April 20th thru May 2nd 2014, visitor enthusiasm for the NISD never faltered. Some of the first day visitors came back for a second round, with more questions regarding the NISD and what the organization has to offer. I handed out the NISD brochures and membership information. I often had the opportunity to show off the website from the laptop I had with me at the booth.

I kept track of everyone who visited the booth that I had the honor to get to know. I did provide a list of new contacts to the office – I had taken down bits of information between hawking my spiel to maintain the visitor’s attention, and then expanded on that which I did get written down by performing an internet search and visiting company websites when available. I am not a professional at this, but I believe in what I am doing – and that kind of conviction is contagious.

I have been working. The day to day has been keeping me over-the-top busy. I am fairly certain that most everyone else is too. I decided my next step should be to do a follow-up with those contacts I met in San Antonio. To have done so sooner would have been better, but better now than not at all. A letter by email or a follow up phone call, I think, which is best to do? Both, I decide, starting with the letter first. As I draft this letter and get ready to send it out, another question came to mind.

How does that enthusiasm for the NISD so easily fade, when we are talking about an organization, no, the ONLY organization that is comprised of, and exclusively for the trade of steel detailing?

Our website claims that ‘we are the professional voice of the steel detailing industry’ - but we have not been making much noise lately. Why is that?

The economy of recent years has crippled all facets of the industry. Many of us are still in recovery mode. Spending hard earned revenue on memberships usually comes last in our list of expenses. Still, membership is a tax deductible expense for a worthwhile cause, so what else is it? What else is preventing the flood of activity we should have as the only active group available to and for steel detailers? What is it that keeps other groups alive?

It is the activity of the members. It is the enthusiasm of each individual, which collectively keeps the group alive. Each of us needs to find a way to re-activate our NISD group. It takes more than one person representation at an annual function. It takes all of us reaching out to new potential members, and creating awareness with those with whom we come into contact. If we are to foster a professional approach to business and advocate improved quality through member networking, education and certification, we each need to be as active and alive about it as we expect the NISD to be for us. How do we do that?

Start talking. If you have been doing that already, great! Keep it up! For those of you that do not know what I mean, I am talking about explaining to potential customers what is different with NISD certified detailers in regards to business approach and shop detail drawing presentation over the alternative, and how that difference saves time and money for the steel fabricator.

Recently I had a telephone conversation with Greg Schindler, a structural engineer with KPFF in Seattle. During our conversation, Greg asked the question ‘How do you tell the difference between the drawings as produced by an NISD certified detailer and one who is not – they all appear the same to me.’ I answered ‘First and foremost, NISD detailers do not put questions on drawings. It is good business practice to use the RFI process for required resolutions prior to approval submittals. This behavior is an NISD preferred standard, and is followed to the best of their ability. It would only be under force or duress that a certified detailer would do otherwise.’ Greg got that, and his response opened another door!

Continued on page 18
National Institute of Steel Detailing
Application for Individual Detailer Certification

Classification:
☐ Senior Detailer – Class I: Minimum 10 years experience including checking
☐ Detailer – Class II: Minimum 5 years experience

Category:
☐ Structural/Miscellaneous
☐ Bridge

Submit:
• Experience history, and
• Either a letter of recommendation from a steel fabricator, a Certified Class I detailer, or a NISD National Director. When your application is processed, you will receive a Sample Test

Cost:
NISD Members – Total fee per category: $300 [in US dollars]
- Non-refundable processing fee due with application: $100
- Remainder of fee due 10 days prior to exam date: $200

Non-Members and Overseas Members
- Total fee per category: $500 + proctor fee [in US dollars]
- Non-refundable processing fee due with application: $200
- Remainder of fee due 10 days prior to exam date: $300

Personal Information:
First Name: _______________________________ Last Name: _______________________________
NISD Member: yes ☐ no ☐ Last 4 digits of SS# or SIN#: ______________________________
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Indicate which address [no P.O. Box] is best to receive IDC materials: ☐ Home ☐ Employer

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Make check payable & send to: NISD, Inc., 2600 Kitty Hawk Rd., Suite 117
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For more information: Visit our website at www.nisd.org or contact Karolyn Linn at nisd@sbcglobal.net

Re-certification is required every 3 years
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Brian Thompson

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www.somarsteeldetailing.com
C. Lance Daniels

New Member Listings
Continued on Page 13
Early in 2013, NISD member Apex Structural Design Ltd., from Red Deer, Alberta, Canada was contracted to detail the new Physical Activity and Wellness Centre Climbing Cone at the University of Alberta. The project contains an inner circle and also an outer circle of sloping columns tied together with round HSS bracing and headers. Due to the geometry, the compound slopes and the cast connections, the connections had to be fabricated to very tight tolerances and the shop had to perform extensive testing to compensate for weld shrinkage at the cast connections and bracing connections. The fabricator also was forced to build complex jigs to fabricate bracing and also to be able to handle the very small geometry changes on the connections. Up until the last brace was erected, everyone in the project was concerned about closing the circle.

The first challenge the erectors faced, was making a decision on how to stand the columns and close the building in. Since all the columns hang from a central core, erecting the building and maintaining the required final geometry was a concern. By starting on one side of the building and working around the circle, the erectors were concerned that the building would not stay true. Another challenge for the erectors was stabilizing the columns during erection. Since some of the columns were over 90 ft. overall, they had to be erected as a bolted assembly of two outer columns and one inner column.

The complexity of the building envelope combined with a demanding schedule, constant changes, curved stairs, glass panel handrails and extremely tight tolerances add to the pride that Apex takes in this project.

Misc. Project Statistics:
- 515 Tons
- 906 Drawings
- 500 Cast brace end connections

The radial design of the building combined with sloping columns and compound geometry also causes every level of bracing to be unique in this project. In order to build the bracing connections, the team at Apex wrote a custom macro from scratch using Tekla’s open API and Visual Studio Express that handled all connections with no editing.
National Institute of Steel Detailing, Inc.
Publications Order Form

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[Regular, Associate & Overseas new members receive 1 copy free of the following manuals & CD]

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Congratulations!
This regular feature recognizes detailers who have recently taken and passed the IDC test.

Structural/Miscellaneous
Senior Detailer – Class I
William (Scott) Edgar
Steel Fab
Charlotte, NC

Detailer – Class II
Michael Lima
Dynamic Fabrication
Beaver Dam, KY

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NEW ENGLAND CHAPTER
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Individual Detailer Certification Program

Industry professionals are in search of talented detailers who have the knowledge and capability to produce quality shop drawings within the framework of various codes, specifications and contract documents.

NISD created the Individual Detailer Certification Program in response to the steel industry’s need to measure the skill level of individuals performing steel detailing services.

This is not a test of memory but a test of ability. The exam’s emphasis is based on a candidate’s knowledge of the various techniques, codes, and specifications involved in detailing.
National Institute of Steel Detailing

Membership Application

The annual membership cycle runs from June 1ST through May 31ST

☐ Regular Membership is open to any company that conducts its office in the Americas for, and is regularly engaged in, the business of steel detailing. Such office shall have been conducted for a minimum period of one year. A member in this category may be chapter affiliated or a member-at-large, and has all privileges and benefits of membership including voting and holding office.

Fee Schedule: $290 for companies with a gross annual income of less than $250,000 (June-September) Prorated dues when joining October-February $200 March to May 31 of the following year (15 months) $290

$450 for companies with a gross annual income greater than $250,000 (June-September) Prorated dues when joining October-February $305 March to May 31 of the following year (15 months) $450

☐ Associate Membership is open to any company, national or regional trade or professional association interested in enhancing the detailing profession or the activities of the NISD, whose primary business is not in structural steel detailing. This category includes all privileges and benefits of membership except those of voting and holding office.

Fee Schedule: Annual membership fee is $360 (June-September) Prorated dues when joining October-February $245 March to May 31 of the following year (15 months) $360

☐ Individual Associate Membership is open to a person employed as a steel detailer or other person interested in the future of the steel detailing industry but who does not fall in the category of Regular or Associate membership. This category has limited privileges and benefits of membership, which precludes them from voting and holding office.

Fee Schedule: Annual membership fee is $65 Annual dues of $65 are renewable on June 1ST

☐ Overseas Membership is open to any company that conducts a regular office for, and is regularly engaged in, the business of steel detailing outside the Americas. Such office shall have been conducted for a minimum period of one year. Members in this category may vote (no proxy votes), but they may not hold national office.

Fee Schedule: Annual membership fee is $450 (June-September) Prorated dues when joining October-February $305 March to May 31 of the following year (15 months) $450

☐ Member Emeritus Membership is open to any individual who was a former regular member of the NISD and has retired from the competitive field, but wishes to remain active in the NISD. Members in this category may not hold office.

Fee Schedule: Annual membership fee is $100 Annual dues of $100 are renewable on June 1ST

The undersigned hereby applies for membership in the National Institute of Steel Detailing, Inc.

Name ____________________________ Title ____________________________

Company Name _____________________________________________________________

Address _____________________________________________________________

City ____________________________ State/Province ______________________ Zip/Postal Code ____________________________

Country _______________________________________

Telephone ________________________ Fax ______________________

E-mail _______________________________ Web site _______________________________

Payment in US Dollars

Membership Fee: US$ __________

Postage/handling, add: $40 for Canada $ __________

Central & South America $ __________

$45 for International $ __________

TOTAL ENCLOSED US$ __________

Method of Payment

☐ Check, payable to: NISD, Inc.

2600 Kitty Hawk Rd., Suite 117

Livermore, CA 94551-9699

☐ MasterCard ☐ Visa

Number: ____________________________ Expiration Date: ________________

Signature: ____________________________

To receive a free subscription to Modern Steel Construction magazine (U.S. only) go to: www.modernsteel.com/subscriptions
Vice President Joel Hicks opened the meeting and asked Secretary/Treasurer Robert Beauchamp to read aloud a letter of resignation from current NISD President Mike Bowers. In his letter Mike stated that he greatly regretted having to resign his office but that he was unable to perform his duties as NISD President due to the injuries he had suffered from an automobile accident. His injuries were serious but not life threatening. He is now undergoing therapy and is doing well.

As Vice President, Joel Hicks was in line to succeed Mike as President and the board gave him their vote of confidence. Joel is now the interim president of NISD until next year’s Annual meeting. Joel’s first presidential action was to appoint the director of the Alberta Chapter, Alden Prier, to fill the vacancy for the office of Vice President. Alden was also given a vote of confidence by the board.

Robert Beauchamp continues in the office of Secretary/Treasurer.

**QPP Committee – David Merrifield**

The Quality Procedures Program was discussed at length. The major problem for many years now is that of finding an affordable and credible system of auditing the program. As a solution, the board decision was that we would establish an auditing committee which would be composed of five people who are or have been associated with steel detailing. This five member auditing committee will review the applications and questionnaires and if all is satisfactory, make the evaluation for acceptance. If the review finds something to be unsatisfactory, the applicant will be notified that it must be corrected before being granted acceptance into the program.

**Marketing Committee**

Kerri Olsen has volunteered to chair the Marketing Committee. She will attend the upcoming Tekla and SDS/2 user meetings. NISD will occupy an exhibit booth and she will represent NISD at both functions.

The board is grateful to Kerri for taking on this much neglected committee. Kerri brings many fine qualities to this position. Her enthusiasm for NISD and her excellent communication skills will be a big advantage for building up our membership base and attracting more participation to our programs.

**Membership Committee**

Mike Pelliccio, Membership Committee chair, proposed re-organizing regional chapters into nine geographical zones. In discussion however, many directors felt that we needed to look at other ways to update our forty-six year old chapter based membership structure. The lively board discussion brought out various plans to make constructive changes to bring equality in representation between the two major membership groups of regional chapters and members-at-large.

Most of the chapters are losing members and struggling to remain viable. With the advent of the electronic age of communication, it seems that detailers are not interested in going to chapter meetings or chapter activities. It was noted that most detailers now go months and years without ever meeting face to face with their clients, let alone their local competitors.

Board members agreed to take some time to think about this issue and get themselves prepared to discuss it further via a tele-conference meeting to be held on July 11th.

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**Publications from NISD...**

These reference guides are now available. Order them online at www.nisd.org
Teleconference Meeting July 11, 2014
Due to the magnitude of the issue concerning membership change, it was re-scheduled to take place at a special board meeting to be held in Chicago.
President Joel Hicks has been in discussion with Vulcraft and the Steel Joist Institute. We are looking for help with detailer education and possibly with updating the Detailer Training CDs.
Fred Tinker said that Design Data would like to help NISD with technical assistance for the training CDs. We think it is necessary to add a new module for Building Information Modeling (BIM).

IDC Program
The IDC test is seriously in need of updating and the re-testing program needs a new format along the lines of a continuing education program which should be developed as soon as possible.
Fred Tinker is pursuing some testing companies to do redevelopment work for us on both tests. He will contact other companies as well.

Teleconference Meeting November 5, 2014
The board became engaged in a lengthy discussion about changes to the membership categories of Chapter Members and Members at Large as previously voted upon at the August 23rd meeting in Chicago.
After three months had passed since the proposed membership changes, the board wanted to be certain that there was unanimous agreement to move forward with the new plan.
Mike Pelliccio made a motion that we proceed with the plan as outlined previously (seconded by Robert Beauchamp). The motion carried.

IDC Program – Michael Tinker Chair
We are presently working on the update of both the IDC tests and the re-certification tests. We have three teams working on the building/misc. steel test and one team working on the bridge test.
We are adding 50-plus new test questions and will proof read the entire old test that is in use today. Many questions from the old test will be dropped and we will add new questions in their place including some on Building Information Modeling.
The test will remain an open-book test. We will advise the applicant as to the study guide sources which will include the AISC Steel Construction Manual, The AISC/NISD Detailing for Steel Construction, SEAA/NISD Detailing Guide for Erector’s Safety & Efficiency, and several NISD publications on painting, galvanizing and fireproofing.
We are contacting some testing companies to update the testing methods to make the transition from paper tests to on-line testing.

Special Board Meeting Highlights, Chicago, Illinois, August 23, 2014
President Joel Hicks asked the board to discuss and consider possible ways to reorganize the current membership structure to make it more relevant to today’s steel detailers.
The system we’ve operated under since 1969 is not working well any longer. Every chapter is struggling to maintain its viability. Members at Large now comprise nearly 50% of regular membership.
After much discussion, Jack Metcalfe made a motion (seconded by David Merrifield) to have an all Members at Large format and a Member at Large directorship (motion carried).
Alden Prier made a motion (seconded by Jack Metcalfe) to change the board to consist of 7 directors and 3 officers (motion carried).
Jack Metcalfe made a motion (seconded by Fred Tinker) that the directors have to be IDC certified (motion carried).
Jack Metcalfe made a motion (seconded by Alden Prier) that the nominating committee for election of directors be composed of 5 Members at Large in good standing, and committee members are to be appointed by the officers (motion carried).
John Linn made a motion (seconded by Fred Tinker) that the directors shall serve for up to a 4-year term beginning with staggered terms, 4 directors having a 4-year term, and 3 having a 3-year term. Nominating committee to select who is 3 years and who is 4 years. Directors’ expenses relative to board duties shall remain the same, that is they should not be paid by NISD (motion carried).
Regional chapters will continue to exist wherever members desire to have them, but voting on officers and constitutional amendments will be the same as it is for Members at large.

Executive Director
Jack Metcalfe asked that the board consider having an executive director to help alleviate some of the workload of board members and improve the effectiveness of NISD programs.
Kerri Olsen spoke up and offered her services. She will contact the main office for more information and work up a proposal for the board to consider.
Clarification of OSHA Requirements for Tripping Hazards

OSHA recently sent a letter of interpretation to the International Association of Building Structural, Ornamental & Reinforcing Iron Workers explaining OSHA tripping hazard requirements found in Provision 1926.754(c)(1) headed “Walking/working surfaces – sheer connectors and other similar devices – (1) Tripping hazards.” The provision in question states:

Shear connectors (such as headed steel studs, steel bars or steel lugs), reinforcing bars, deformed anchors or threaded studs shall not be attached to the top flanges of beams, joists or beam attachments so that they project vertically from or horizontally across the top flange of the member until after the metal decking, or other walking/working surface has been installed.

In a 2003 letter, OSHA stated that this provision includes shop-installed continuous bent plate because it creates a tripping hazard during the steel erection process. However, this provision only applies to shear connectors (such as headed steel studs, steel bars, or steel lugs), reinforcing bars, deformed anchors, or threaded studs. The fact that shop-installed continuous bent plate may create a tripping hazard does not bring it under the coverage of this provision.

In the 2003 letter, OSHA interpreted this provision to include continuous bent plate by reasoning that the phrase “similar devices” in the heading meant devices that cause tripping hazards. However, the plain language of the provision lists the devices covered by the provision. Headings and titles do not limit or alter the plain meaning of the text of the provision. Therefore, 1926.754(c)(1) does not prohibit the shop-installation of continuous bent plate.

As you are aware, Section 5(a)(1) of the Occupational Safety and Health Act of 1970 (OSH Act) requires employers to furnish employment which is “free from recognized hazards that are causing or are likely to cause death or serious physical harm” to employees. OSHA may cite employers for failure to provide such employment when OSHA standards do not address a particular hazard. In this case, the shop-installed continuous bent plate is part of a walking-working surface. Therefore, the continuous bent plate must be capable of supporting any intended load and free from tripping hazards.

Thank you for your interest in occupational safety and health. We hope you find this information helpful. OSHA’s requirements are set by statute, standards, and regulations. Our letters of interpretation do not create new or additional requirements but rather explain these requirements and how they apply to particular circumstances. This letter constitutes OSHA’s interpretation of the requirements discussed. From time to time, letters are affected when the Agency updates a standard, a legal decision impacts a standard, or changes in technology affect the interpretation. To ensure that you are using the correct information and guidance, please consult OSHA’s website at http://www.osha.gov. If you have further questions, please feel free to contact the Directorate of Construction at (202) 693-2020.

If you consult the NISD/SEAA “Detailing Guide for Erector’s Safety & Efficiency,” sketch #S11 will give you a visual picture to look over. Pay particular attention to the note in the upper left corner of the sketch concerning headed studs.
Greg explained to me that he is currently one of 13 editors for STRUCTURE Magazine; Greg also invited us to supply them with any articles we already may have or might care to write regarding the NISD for their publication. I thanked him and promised I would send him copy as soon as possible.

STRUCTURE magazine carries a subscription of over 30,000 members. Supporting organizations are the National Council of Structural Engineers Associations (NCSEA), the Council of American Structural Engineers (CASE), and the Structural Engineering Institute (SEI).

This is a huge opportunity to get up front and personal with the part of the design team that cares most about the work of a steel detailer outside of the steel fabricator, and with the ability to meet our immediate need for increased awareness over being buried somewhere in the project specs.

As for the future of the NISD, we can always expect more of the same. Why not expect better than what we have seen? Why not expect to be able to affect a positive change? We have to forget about that which is not workable and move forward with that which is. Is that not why we are members in the first place?

### Marketing Report

Continued from page 7

These events are great ways to stay current on trends, and network with others. Join us for any of these events in 2015.

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<tr>
<th>Date</th>
<th>Event</th>
<th>Location</th>
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<tbody>
<tr>
<td>March 27-28, 2015</td>
<td>NISD 47th Annual Meeting</td>
<td>Nashville, TN</td>
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<tr>
<td>April 23-25, 2015</td>
<td>43rd Annual SEAA National Convention &amp; Trade Show</td>
<td>Myrtle Beach, SC</td>
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<tr>
<td>May 12-15, 2015</td>
<td>Tekla North America User Meeting</td>
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<td>September 16-18, 2015</td>
<td>SDS/2 Users Group Conference</td>
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<td>September 23-25, 2015</td>
<td>CISC Annual General Meeting</td>
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<td>September 25, 2015</td>
<td>National Steel Day</td>
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2014 Annual Meeting
Photo Highlights

Edward & Stella Byrd
Fred Tinker, Valorie & Larry Laws
Jack & Pam Metcalfe
Valorie Laws, Diane Jacques, Liz Bowers & Marge Pelliccio
Michael & Margie Pelliccio
Richard Stern
Tom & Marmelita Vossmeyer
Benefits For NISD Members!
Visit YOUR NISD Website... Use the Discussion Board...

Engage - Find us on Facebook...

We Are Your Voice...
The NISD Board of Directors was pleased with the feedback it has had from membership regarding new ways that NISD can help expand the scope of services for the benefit of members and the steel detailing industry!

Our web site is contemporary, easy to navigate, and represents our members as a professional and knowledgeable organization. Check it out!

Visit NISD.org

Networking Knowledge!
Our Discussion Board is a tool to allow sharing of knowledge and resources. Post your industry related questions or comments. Receive responses from other professionals. Utilize your NISD membership network today! nisdorg.wordpress.com

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Because NISD fosters a professional approach to business and advocates improved quality through member networking, education and certification, our members are highly regarded by fabricators, architects, engineers and contractors.