

National Institute of Steel Detailing

Connection

Fall 2013

On the Job Site — San Francisco Neo-Gothic Retrofit



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2013 ANNUAL MEETING PHOTO HIGHLIGHTS



Edward & Stella Byrd



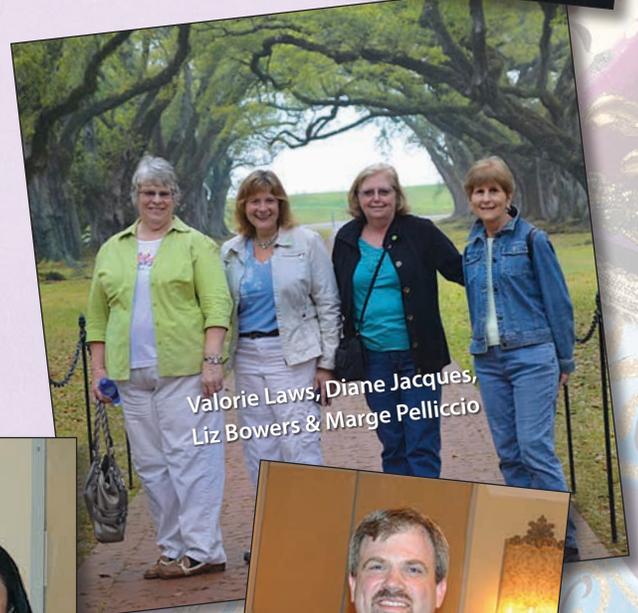
Michael & Marge Pelliccio



Mike & Liz Bowers



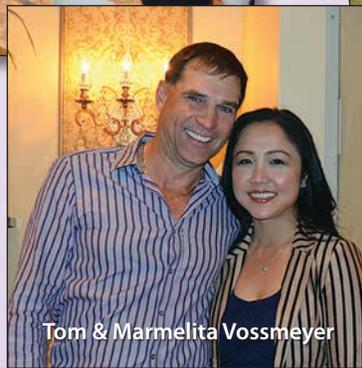
Fred Tinker, Valorie & Larry Laws



Valorie Laws, Diane Jacques,
Liz Bowers & Marge Pelliccio



Jack & Pam Metcalfe



Tom & Marmelita Vossmeier



Richard Stern



Kevin & Diane Jacques



President's Banquet Dinner

Connection

National Institute of Steel Detailing, Inc.
 1810 Catalina Court
 Livermore, CA 94550
 925.294.9626, Fax 925.294.9621
 email: nisd@sbcglobal.net

President

Michael Bowers
 Southwest Chapter 972.226.6433
mike@bowersdetailing.com

Vice President

Joel Hicks
 Southern Chapter 205.228.0960
jhicks@structuraltech.com

Secretary-Treasurer

Richard Stern
 Alberta Chapter 780.465.1520
rstern@mdrafting.com

Chapter Directors

Alberta, Alden Prier
 403.864.2000, info@apexstructural.ca

Arizona, Matt Manning
 480.813.8966, matt@actionsd.com

British Columbia, Brian Pyper
 604.606.5803, bpyper@dowco.com

California, Fred Tinker
 310.522.1530, main@pacifiedrafting.com

Central, Chris Harms
 816.903.9533, chris@hrsteeldetailing.com

New England, Kevin Jacques
 401.334.4306, kjacques@draftingsub.com

Northeast, Michael Pelliccio
 203.272.2482, michael.pelliccio@snet.net

Ontario, Christine McCulloch
 613.969.2410,
christinemcculloch@pdcgroup.com

Pacific, John Linn
 925.443.3363, jla-jtl@pacbell.net

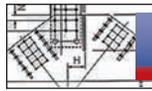
Pacific Northwest, Larry Laws
 503.641.6080, llsd@verizon.net

Pittsburgh, John Metcalfe
 412.373.2640, metcalfe51@aol.com

Southern, Alan Blankenship
 205.681.3487, alanmwd@bellsouth.net

Southwest, David Merrifield
 972.562.2486, dmerrifield@alphasteelusa.com

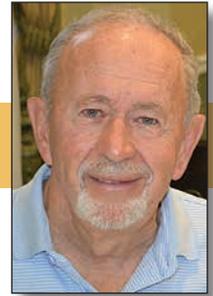
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FROM THE EDITOR

This issue has a lot of coverage of the 2013 Annual Meeting in New Orleans. This year's meeting featured four excellent speakers: Roger Ferch, President of AISC; Stephen Burkholder, President of SEAA (Steel Erectors Association of America); Kerri Olsen, Owner of Steel Advice; Kenny Waugh, Director of Industrial Relations for IMPACT.

John Linn
 Editor



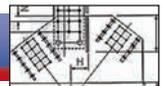
I was somewhat embarrassed at the speaker sessions because there were only about fifteen people in the audience to hear their talks. If we can't do better than that I think it's time to redesign the entire format of the annuals. For more information about their talks, see the speakers' article on later pages.

"On the Job Site" in this issue is about a project that my company, John Linn Associates, Inc. detailed earlier this year. It's the first time I've printed one of my own jobs in the Connection but I felt that this one was pretty special because it's a good example of the adaptability and versatility of structural steel. We can use it in new buildings and we can use it in old buildings. In this case, it's the application of new seismic structural systems that will extend the life of an historic 88-year old iconic high rise building in San Francisco.

I have been seeing more and more of this retrofit type of work in the past few years and I believe that there will be much more of it in years to come. However, these projects do require a great deal of co-ordination with the general contractor. Many existing buildings have gone through some modifications and changes over the years and you can never count on original design drawings to be accurate or up to date.

Finally, in regard to scheduling, retrofit jobs can only go as fast as the general contractor is able to perform demolition work to gain access to existing steel or concrete with which the new steel will be interfacing. So when bidding a retrofit job, remember this: you can only commit to a schedule based on receipt of field information that you need, but have no control over the length of time it takes for you to receive it.

INSIDE THIS ISSUE

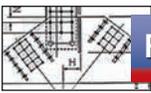


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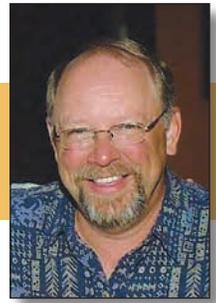




NISD – Planning for the Future

We must look to the future and help our members modernize their businesses and use new software technology tools so that they may continue to be successful.

Michael Bowers
President



The steel detailing community, along with software developers, has led the way into propelling this industry into a much more productive one. The use of modeling software to produce shop drawings has transformed a struggling industry into one that has not only flourished but has survived one of the most devastating recessions in recent history. It is through these changes that most detailing firms have become profitable and competitive. I spoke with one of the senior NISD members and longtime detailing company owner, who attributes the changes that he made in his detailing company to a model-based software detailing company, to his still being in business today. The steel detailing industry is not a static one as we experience more and more opportunities each day to grow into one of the important elements of the structural steel package on any project. This has only come about as we have embraced and invested in technology that allows us, as the steel detailing community, to become industry leaders. This change was not an easy one for many but a necessary one.

The NISD has come to a fork in the road, which will require some changes. Our founding fathers pointed this organization down the path that we are currently traveling, but it is becoming increasingly more obvious that NISD needs to modify its direction to remain the organization of choice for the steel detailing community. Just like the transition from a “board” detailer to a model-based computer detailer, the changes will be viewed by some as an opportunity, while others will look at the changes as a departure from the roots of this organization. But change is necessary. This change needs to be a complete reorganization from the top down, starting with the chapters within the organization. The NISD Board will be discussing this in the upcoming months. As individual detailers have embraced the use of modeling software, this organization will come out the other side as a more streamlined and relevant one.

NISD Officers’ Election

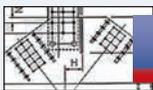
The three NISD officers have now completed their first term in office and all of them have been successfully re-elected to a second two-year term. They are:

President – Mike Bowers (Southwest Chapter)

Vice President – Joel Hicks (Southern Chapter)

Secretary/Treasurer – Richard Stern (Alberta Chapter)

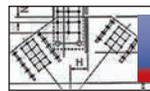
Congratulations and many thanks to each of them for all of the time, effort and sacrifice they have given to our institute over the past two years, and the commitment they have made for the next two years.



CALENDAR

These events are great ways to stay current on trends, and network with others. Join us for any of these events in 2014.

March 12-14, 2014	SEAA 42nd Annual Convention & Trade Show – Dallas, Texas
March 26-29, 2014	NASCC: The Steel Conference – Toronto, Canada
TBA	NISD 46th Annual Meeting
September 19, 2014	Steel Day



The Annual Meeting – Spring 2013

by John Linn

Our Forty-Fifth Annual Meeting was held on March 21st, 22nd & 23rd at the Le Pavillon Hotel in the “Big Easy” New Orleans, Louisiana.

The hotel was a wonderful mix of gracious southern elegance and New Orleans charm. Its location was excellent as it was only a short walk from Bourbon Street and the French Quarter. After the meetings were over for the day, some of us would walk over to the French Quarter and Jackson Park for a little exercise and to experience the unique flavors of this great American city.

We discovered a small courtyard where different jazz bands would perform daily and well into the night. You could take a table and just order a drink or appetizer and stay there as long as you wanted. Each group would be a little different but they would always have the same distinctive New Orleans jazz sound, and the quality of the musicians was always the best. Especially impressive were the incredible tones produced by their trumpets; they were just as pure as any vestal virgin could ever hope to be.

On Thursday evening the Welcome Reception was held at the SEAA (Steel Erectors Association of America) National Convention. We were invited to hold our reception in combination with the SEAA Trade Show. We had a great time getting together and we enjoyed the trade show along with the good food and entertainment provided. A big thank you goes out to SEAA for their gracious hospitality and first-class welcome to New Orleans.

On Friday morning we began our Annual Meeting at 8:00AM. President Mike Bowers welcomed all attendees and Joel Hicks introduced our first speaker. Please refer to the conference speakers’ article to be found on later pages.

The President’s Banquet was held on Saturday evening at the Le Pavillon Hotel. The meal was very good and we all enjoyed a pleasant evening socializing with friends.

President Mike took the floor to make the announcement for the Man of the Year award. Joel Hicks was awarded the plaque in recognition and appreciation of his many contributions to the institute. Joel gave a short acceptance speech, which was warmly received by all present. Please see the Man of the Year article for more about Joel’s many contributions to NISD.

Thank You Sponsors 2013

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.



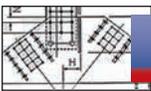
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ANNUAL MEETING SPEAKERS



Steve is currently President-elect of SEAA and serves on both their Convention Committee and Insurance Committee.

He spoke to us on the importance of having goals, policies, and procedures related to a specific project that are intended to produce a more efficient and profitable outcome.

Steve believes that good communication is key and that starting off a project with an early pre-planning session should include as many people as possible who are involved in the project. This is most important for a smooth-running project for not only the general contractor but for all of the subcontractors as well.

Steve believes that the relationship we've established between our two associations has been a win-win situation for both of us and for the entire steel industry.



Our second speaker was Kerri Olsen of Steeladvice.com and Fab Suite Steel Management Software.

Kerri presented a fine talk, which emphasized many concerns of steel detailers who find themselves not only doing the detailing but also the bulk of the project management work. The fabricator's project manager should be there to manage the flow of information to the detailer so that the detail drawings can be produced on schedule.

Kerri gave us some guidelines to organize and create an efficient work environment and to define our operating work parameters to help avoid the stops and starts we often encounter when we are given incomplete design information. We are often forced to skip around to different parts of the job or make assumptions, which may end up causing costly changes to re-detail.

Kerri pointed out that in starting a new job, we must define any missing or inaccurate elements in the design and get early resolution to them before starting. It is also important to keep our clients informed of our progress throughout the job. No one likes surprises on a job and we should immediately discuss any concerns that may affect schedule and work flow to keep all affected parties informed throughout the detailing process.



Roger Ferch, President of AISC, our third speaker, gave us a candid and informative talk about recent activities at AISC. He presented some forecasts for steel construction in North America that he noted are looking a lot brighter now, thanks to a much improved national and world economy.

Roger discussed the ongoing development that has been taking place at AISC for a certification program for steel detailers. The idea began to take shape in 2012 and after some revision is now taking the form of an AISC-audited registry for steel detailers. Stay tuned for further development.

The purpose of the registry is to provide pertinent information about a steel detailing firm that would then be made available to AISC members. It would be an on-line registry that would include such information as size and location of firm, software licenses, background and history, work experience, and any other relevant data.

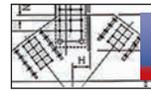


IMPACT is an acronym for Ironworker Management Progressive Cooperative Trust. IMPACT provides programs to benefit bridge, structural, ornamental, and reinforcing iron workers. They also provide services for general contractors.

Kenny Waugh, Director of Industry Liaison, presented an introductory view of the various programs that IMPACT offers to provide training, training materials, leadership, accreditation, and certification in order to uphold union values and the principles of service and professionalism.

IMPACT offers many apprentice training programs for ironworkers. They certify ironworkers to OSHA and US federal standards. They offer contractor development courses for new and existing contractors to make them better at their business and better employers for ironworkers. They offer substance abuse programs, harassment, and discrimination training. IMPACT also offers auditor training courses and a wide variety of publications including an excellent reference manual for anyone working in the steel industry entitled "Training and Fabrication for Shop Ironworkers".

IMPACT acts in a great many ways to benefit our industry. You can learn more about them at www.impact-net.org.



NISD Man of the Year - Joel Hicks

by Mike Bowers

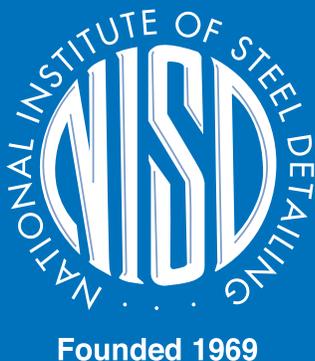
This year, the Man of the Year is a gentleman who has devoted a huge amount of his life to better the steel detailing industry. Joel Hicks began his steel detailing career as many of the rest of us did, in the “blueprint room.” He quickly advanced from that point to a detailer, then a checker and finally into a squad leader. He worked for fabricators in the Birmingham, Alabama area such as Ingalls Steel and Mosher/Trinity Steel. While at Mosher/Trinity, in 1985 he was promoted to Chief Draftsman where he oversaw a 41-person drawing room and had the opportunity to work on many very interesting projects. He also managed all of the subcontract work from the Mosher/Trinity office. In 1989 he joined Structural Technics and in 2000 became a partner and the President of the company. He has been involved with many projects large and small while working with Structural Technics. As an NISD member, in 2005 he was asked to be the Director of the Southern Chapter, which he dove into with much enthusiasm. He was asked to Chair the Industry Standards Committee and has been instrumental in coordinating the Industry Standard Manual, working closely with the AISC. Joel is also serving as the NISD liaison with the AISC NASCC Committee and is Chairman of the NASCC Committee for the NISD. As a result of his involvement with the AISC on these committees Joel was asked to be on a development committee by the AISC to determine the direction of the TI and the Detailing Committees for the AISC. These two committees were merged to form the Technology Integration Committee and while the development committee has served its purpose Joel remains as a corresponding member to this day. Joel has been the Vice President of the NISD for the past three years.

On the personal side of Joel’s life (when he finds the time), he and his wife Kristie enjoy five children and one grandchild. His family lives just outside Birmingham in a log home that he and his sons built in 1999. Joel enjoys deer hunting and restoring old homes with his family. Joel and his family attend and serve at Argo Christian Fellowship and are beginning to work with the missions group there. Joel is also an avid University of Alabama fan and can be heard at a quiet boardroom table humming “Sweet Home Alabama” on occasions.



Man of the Year, Joel Hicks, and wife, Kristie

A quote from Joel to end this article sums up this man’s point of view: “From the ‘70s to now we have seen many ups and downs in our industry, but no lows to compare with the last 5 years. We have survived this extremely rocky time only by the thinnest of margins, and at times it did not seem like we would survive at all, but God has always provided a way (Isaiah 41:10).”



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.

On the Job Site — 140 New Montgomery: New Life to Old San Francisco Landmark

STRUCTURAL STEEL RETROFIT OF HISTORIC NEO-GOTHIC OFFICE TOWER, SAN FRANCISCO, CALIFORNIA

by John Linn

In San Francisco's south of Market district sits an historical and unique neo-gothic office tower located at 140 New Montgomery. This building began construction in 1924 and was completed in 1925. The first to occupy the building was Pacific Telephone & Telegraph and for most of its life it has simply been known as the telephone building.

Upon its completion in 1925, 140 New Montgomery was the tallest building in San Francisco and, for a few years afterwards, had the distinction of being the tallest building west of Chicago. It has 26 floors for occupancy and above those is a 4-sided mechanical tower that reaches up to the 31st level. At the top of the mechanical tower, at each of the 4 walls there are two 13 foot tall eagle sculptures whose job is to look out over the city in all directions. The building exterior is clad in a light colored natural stone that still looks almost brand new. Beautiful art deco design touches can be found throughout the building, both inside and out.

So what to do; here we have this 88-year old jewel of an office building located in the heart of prime commercial real estate but which is also located in the heart of one of the highest seismic zones in the country. The answer of course is "Structural Steel Retrofit" to the rescue. The steel fabrication and erection for this retrofit project was done by Viking Steel located in Sacramento, California and the steel detailing was done by John Linn Associates, Inc.

In addition to additional steel framing at every floor and new steel framing at



Eagles eye view of San Francisco.



The eagles keeping watch at the 31st level.

the window washing platforms, the seismic restraint system is the most critical element in the project. It consists of five continuous super columns located strategically throughout the building. They are about 265' in total length and were erected in five spliced column segments. The column bases are at the sub-basement level and extend up to the 19th floor. But in order to be erected, they had to be dropped down through the top level of the building. The contractor cut openings at each floor all the way through the building up to the roofs at the 23rd and 27th floors. In order to accomplish this lift, the crane tower had to be extended to a height of over sixty feet above the 27th levels thus making it possible to drop fifty foot plus long column segments straight down through each of the five sets of openings running from roof to basement.

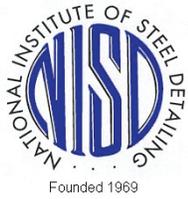
Vertical seismic load resisting (SLR) brace systems that are two stories tall connect to each of the super columns between floors 6 to 8 and 17 to 19. The two elements of the SLR system consist of a W12 x 210 diagonal and a 1000 KIP buckling restrained brace (BRB).

Having completed construction 19 years after San Francisco's devastating earthquake of 1906, 140 New Montgomery was originally built with a structural steel frame to withstand seismic events of similar magnitude to the 1906 quake. Now with the addition of the supplementary steel



framing and the SLR brace system, the eagles are safe to continue keeping watch over the city, and this beautiful iconic structure can continue to shine as one of the brightest jewels in the San Francisco skyline.

One of the 1000K BRB members.



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# _____

Home Address: _____

City: _____ State/Province: _____

Zip/Postal Code: _____ Country: _____

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Indicate which address [no P.O. Box] is best to receive IDC materials: Home Employer

Method of Payment: Check  Visa  Mastercard

Make check payable & send to: **NISD, Inc.**, 1810 Catalina Court
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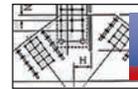
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For more information: Visit our website at www.nisd.org or contact Karolyn Linn at nisd@sbcglobal.net
Or Mike Bowers, Individual Detailer Certification Committee Chair at mike@mbowers.com

Re-certification is required every 3 years



PITTSBURGH CHAPTER

DEVELOPED STRUCTURES, INC.
695 Pettit Road
Sycamore, PA 15364
phone: (724) 833-2992
t.ayres49@gmail.com
Thomas Ayres

ASSOCIATE MEMBER

GLOBAL ECONOMIC ADVANTAGE, INC.
4320 Winfield Road, Suite 200
Cornerstone @ Cantera
Warrenville, IL 60555
phone: (630) 281-2413
a.srivastava@thegea.com
Anil Srivastava

NEW JERSEY IRON, INC.
905 Patterson Rd.
Jackson, NJ 08527
phone: (732) 928-7242
Fax: (732) 928-7247
marknji@optonline.net
www.newjerseyiron.com
Mark Karpinsky

OVERSEAS MEMBER

REYAMI STEEL CONSTRUCTION AND ENGINEERING
2ND Floor, Bldg. No. 2 Plot No 17
Avation Complex, Whitefield
Bangalore, Karnataka 560066
India
phone: 0091 806759 6759
sandhip@rtsuae.com
Sandhip Ravindran

MEMBERS AT LARGE

DENNIS BELLIVEAU STRUCTURAL DETAIL DRAFTING, LLC
55 Dorothy Dr.
Epping, NH 03042
phone: (603) 679-9829
d-belliveau@comcast.net
Dennis Belliveau

K.L. GENT DRAFTING
26178 Hall Road
Junction City, OR 97448
phone: (541) 393-9130
klgdraft@gmail.com
Kevin L. Gent

LINCOLN CONTRACTING EQUIPMENT CO., INC.
P.O. Box 98
Boswell, PA 15531
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WIM, INC.
1155 West Pender #708
Vancouver, BC V6E 2P4
Canada
phone: (604) 801-7404
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INDIVIDUALS

JAMES M. NEMETH
P.O. Box 10805
Truckee, CA 96162
phone: (530) 412-0188
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30 Orchard St.
Amesbury, MA 01913
phone: (978) 265-5528
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ROGER WEIRES
1022 N. Howard
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rs2aweires@gmail.com



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.

**THE NISD
STEEL DETAILER
CERTIFICATION
DEMONSTRATES**

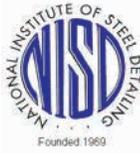
KNOWLEDGE OF DETAILING

- ▶ *Structural/Miscellaneous*
- ▶ *Bridge*

EXPERIENCE IN DETAILING

- ▶ *Senior Detailer (Class I – Minimum 10 years)*
- ▶ *Detailer (Class II – Minimum 5 years)*

CONTINUING EDUCATION IN DETAILING



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Beam Cards [CD only]	\$15.00	\$20.00		
Hot Dip Galvanizing "What We Need To Know"	\$20.00	\$25.00		
Painting And Fireproofing "From a Detailer's Perspective"	\$20.00	\$25.00		
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Shipping & Handling Overseas		\$38.00		
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AISC/NISD Detailing for Steel Construction Manual [Third Edition] Contact AISC at 847-364-1222 or www.aisc.org

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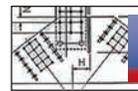
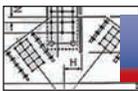
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tvossmeier@ids-inc.net

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Quebec, QC G1G 437
Canada
randerson@tencainc.com

SRG Onesource LLC
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Mission, KS 66202
greg.unruh@srgonesource.com

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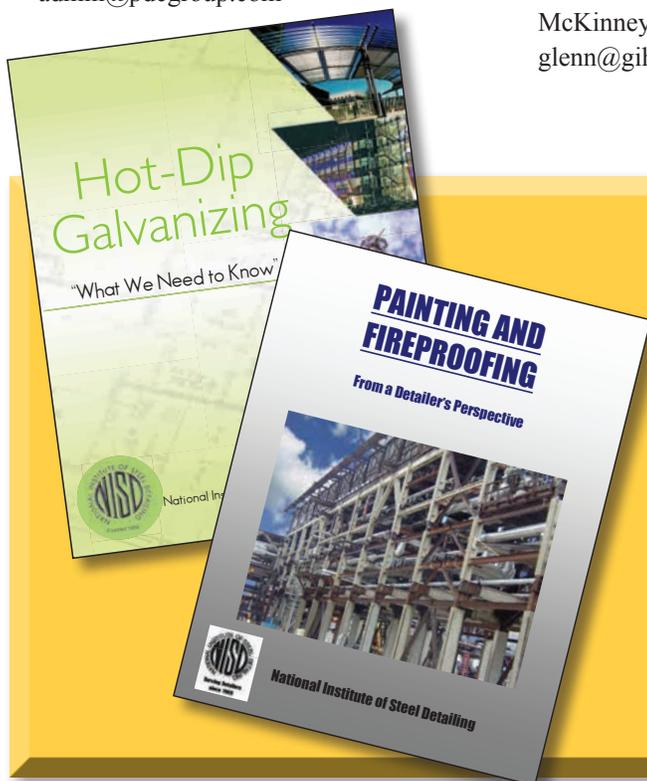
Glenn Ihde & Company
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glenn@gihde.com

Congratulations!

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

Structural/Miscellaneous Senior Detailer – Class I

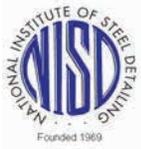
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Publications from NISD...

These reference guides are now available.

Order them online at www.nisd.org



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:
\$28 for Canada \$ _____
Central & South America

\$38 for International \$ _____

TOTAL ENCLOSED US\$ _____

Method of Payment

Check, payable to: **NISD, Inc.**
1810 Catalina Court
Livermore, CA 94550-6416

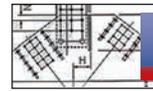


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Board of Directors' Meeting Highlights

Saturday, March 23, 2013

by John Linn

President Mike Bowers opened the meeting immediately after the completion of our fourth and final speaker of the conference.

Secretary/Treasurer Richard Stern reported that the financial position of the institute was in good shape for 2013 as our expenses for 2012 were \$1,226.00 less than our income for that same period.

IDC Committee - Chair Mike Bowers reported that we presently have a total of 330 IDC Certifications. Of those, 7 are Bridge-Class I, 6 are Bridge-Class II, 14 are Bridge/Structural/Miscellaneous-Class I, 2 are Bridge/Structural/Miscellaneous-Class II, and 254 are Structural/Miscellaneous-Class I and 47 are Structural/Miscellaneous-Class II. We presently have 17 applications in process and 27 renewals pending.

Industry Standard Committee - Chair Joel Hicks reported that the Industry Standard Committee is continuing to explore ownership of the detailing or detailer's model. The board decided that a white paper is needed to establish the position of the NISD regarding rights to the detailing model. We continue to gather information and input so that we can move forward with development of that white paper.

The AISC TI Committee is compiling survey information from fabricators and detailers concerning how information from the model is transferred to the shop. Some of that information is coming from a survey of NISD detailers taken by Chris Moor. We will be reviewing a comparison of this survey and the fabricators' survey.

Alden Prier is gathering information from the CISC and Canadian BIM Council, but at this time not a lot is being done. It appears that most everyone is waiting on the AISC.

Membership Committee - Chair Fred Tinker reported that since his last report, regular membership is down 4% and total membership is down 13%. However, we did see growth in the New England area and in the Southwest. Many other areas have remained flat.

As a whole, the portfolio is quite healthy. Over 80% of chapters were not affected by our overall losses. Our prospects for making up these losses in 2013 and 2014 are very possible.

NASCC Committee - Chair Joel Hicks brought us up to date. At the last NASCC meeting five sessions were proposed for the 2014 NASCC in Toronto. Of those we have four sessions that have survived the cut so far. They are listed below.

1) *Are You Managing Too Much?*

Is your customer proactive with resolving ambiguous information on the contract drawings? Do you find yourself doing most of the work to get answers? Do you try to get paid for these extra hours or do you consider this activity part of your friendly service? This session will help you provide a balance.

2) *What's the ETA on that RFI? Is it IFC?*

This session is a "how-to" on proper record keeping and documentation for detailers and project managers: Managing and tracking design documents, detail and erection drawings, RFIs, ROCs, EWOs and a host of other acronyms. This session is not just about the record keeping, but content and tracking as well.

3) *Benefits of IDC for Detailers & Fabricators.*

What is the Individual Detailer Certification and how does it benefit detailers and fabricators? This session will explore why it's important for fabricators to require IDC and why it's important for detailers to become certified.

4) *Case Studies: Renovation and Expansion.*

This session will focus on several examples of projects where existing structures were modified and expanded. Attendees will learn what to look for, questions to ask and pitfalls to avoid.

Please consider volunteering for a speaking or moderating position. It is important for us to contribute and share our views with the AISC.

QPP Committee - Chair David Merrifield advised that some are renewing per the direction of the board by filing a self-audit. The board discussed whether or not to continue with the program. Richard Anderson of the Quebec Chapter gave a strong argument to continue the program because his membership in the program has been a major reason for some of the awarded projects that his company has received.

The board voted to retain the program using the check-list system with the first year requiring a P.E. audit and the second and third years using a self-audit and then repeating that cycle for future years.

Education Committee - Chair Kevin Jacques reported that progress has been slow but steady. There is a list of webinars completed that cover all of the basics necessary for a steel detailer to learn.

Once the program is fully outlined and approved by the board of directors, Kevin will go in search of grant money for funding some of the production cost.

Web Site Committee - Chair John Linn has added the discussion board to the site and we want to encourage our members to start using it as a good way to get answers to questions and to share information with fellow detailers.

What's New For NISD Members?

Visit YOUR NEW NISD Website... Use the NEW Discussion Board...

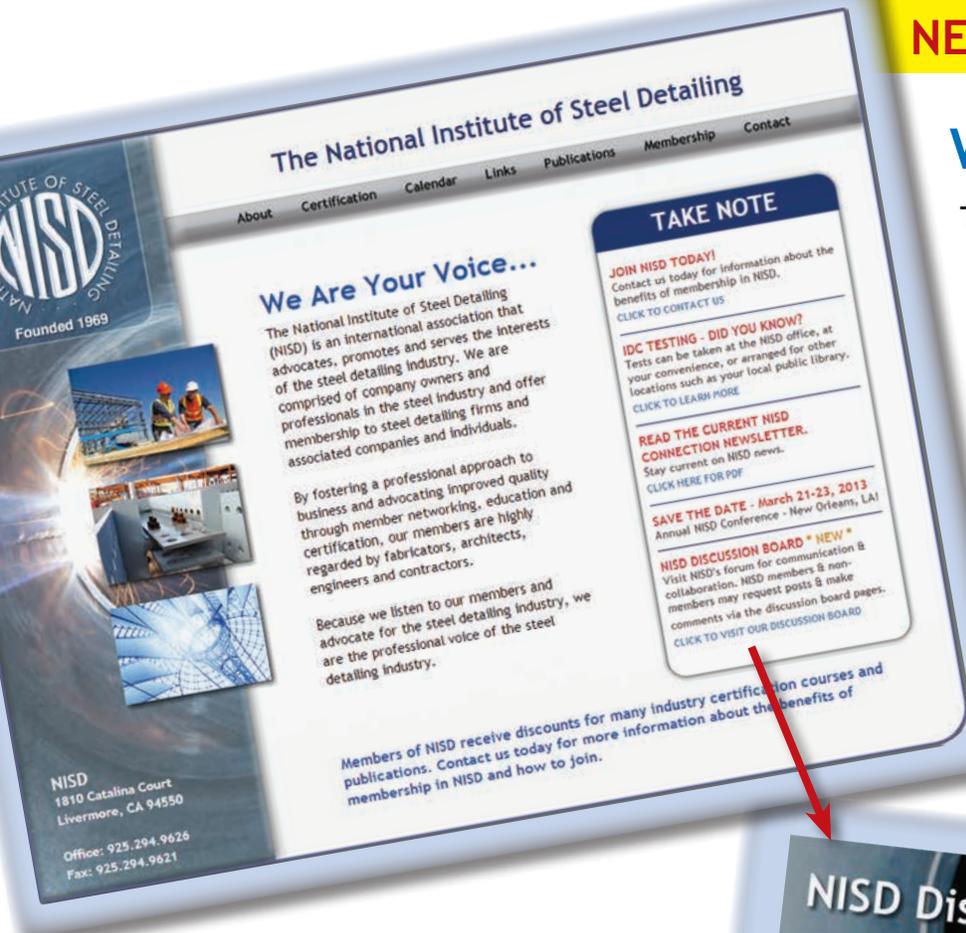
NEW - Find us on Facebook...

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

Visit NISD.org



Networking Knowledge!

Our Discussion Board is a new 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!
nisd.org.wordpress.com

Find us on Facebook too!



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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.