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Publications from NISD...

These reference guides are now available.

Order them online at www.nisd.org
From the Editor – Time Flies... Welcome 2012!

As I write this editor’s note, the date today is December 8th. I just can’t believe how fast this year has flown by and how as I get older, each new year seems to go by even faster.

With the best of intentions, I planned to have this Connection issue out and into your hands before the end of the year, but I’m thinking now that it will most likely not get to you until after the New Year. This being the end of the year only confirms my belief that the fastest part of any year is that busy time between Thanksgiving and Christmas. It just seems to zoom by in a flash.

It’s much the same way in business. When you’re busy with a lot of work and deadlines to meet, the days and weeks just fly by. But when business is slow and there are no deadlines to meet, the days and weeks can drag by at a snail’s pace.

When I look back many years ago to the time that I was a young father raising my children, I remember wondering, “when would my child start walking or talking or getting that first tooth?” Then before I could believe it, that child was not only walking and talking but was doing things like starting school, playing soccer, talking back, driving a car, graduating school, moving out on his own, getting married, and having his own children. This all took place over a period of twenty some years or so but now it seems to me like those years were but a short span of time and of course that span of time was certainly an extremely busy period for someone who was raising a family and working long hours on the job all at the same time.

I’m sure that you’ll agree that in business, it’s much better to be busy. It sure beats sitting around with nothing to do and nothing to bill; that is the worst!!

I hope we may all have a happy and busy New Year.
Mentoring the Next Generation of Steel Detailers

Recently my 10-year-old granddaughter came home from school with a math problem that needed her Papa’s immediate attention...

The teacher had given the answer but wanted to see how the problem was solved, not that it was. The problem read: “Kaley’s parents are adding on to their house and have hired an architect to increase the size of her room, which is currently 7 feet wide by 9 feet long. The blueprint has a scale of 2 inches = 3 feet and shows her new room to be similar to her old room with a length of 8 inches. Find the area of Kaley’s new room.”

Why, this looked easy, a little beginning algebra and the new length of her room was 12 feet. With the new length of 12 feet times the 7-foot width results in an area of 84 square feet. Whoa, my answer didn’t match the teacher’s answer of 112 square feet. I reread the question and the “evil” word similar jumped out at me. In this case, the word similar meant that the new room was proportionately equal to the old room.

I then realized that at the young age of 10 years old our kiddos are being taught the word similar in a real world scenario math problem. As detailers, we all have come to know and dislike the word similar when we encounter it on a set of contract documents. Sometimes it even results in the issuing of an RFI, as we mutter to ourselves; why not just draw another section.

The training process of new detailers is as much an untraining process in many cases as it is a training process. We can’t just sit newbies down in front of a computer, give them a few basic tidbits of knowledge, and cut them loose. The internet has made information more readily available, the software has made many of the mundane tasks of detailing easier, but the role of a mentor has NOT been diminished in the least.

The average age of the steel detailer in North America is 55 years old. Obviously, we need to train a new generation of steel detailers. This will be a daunting challenge, but the refocus of this institute will be exactly that. Many of us old-timers began our careers, and were trained, in an engineering department of a steel fab shop. As the ‘70s emerged more and more of the detailing was outsourced to detailing companies. As detailing companies, we were more worried about the bottom line than training and thus have shot ourselves in the foot.

The time is upon us to pass our knowledge on to newbies...
“Be a Mentor.”

<table>
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<th>Calendar</th>
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<tr>
<td>March 8-10, 2012</td>
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<td>April 18-22, 2012</td>
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<td>May 17-19, 2012</td>
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These events are great ways to stay current on trends, and network with others. Join us for any of these events in 2012.
To certify, or not to certify, that is the question....

by David G. Merrifield, President, Alpha Fabrication Services, Inc., Southwest Chapter Director & QPP Committee Chair

After 40 years of representing the detailing community, NISD is at the crossroads of relevance. We have two certifying programs available to detailers and detailing firms; one is the IDC (Individual Detailer Certification) and the other is the QP Program (Quality Procedures Program). Both these programs were developed to bring to the detailing industry a standard of excellence by which individuals and firms can be measured. These two programs, however, will be the standard by which NISD is measured.

The question is how have we served detailers and detailing? The question I am asked from individuals is, “what has IDC given me?” A great many have dropped out of the program because they see little value. However many new detailers have found the standard of recognition to be valuable and important. I see the steel fabrication industry crying out for a standard by which to evaluate potential individuals. They see this as the most pressing issue, ignoring the need for a standard to judge the overall quality of shop and erection drawings.

As all detailing and fabrication firms know, procedures for maintaining standards of presentation and completeness are key to a successful transfer of design information to the shop and field. How are design drawings and revisions handled, RFIs processed and tracked, drawing logs maintained, and the training of personnel, to meet the global changes in procedures and software implemented and documented? These are the types of questions and issues that need to be addressed within a quality control plan for future growth in our industry.

With the advent of BIM, Design Assist, and IPD (Integrated Project Delivery) the need for total involvement of detailers is at the fore. Fabricators, erectors, designers, and contractors need to know they have a competent partner in the detailing company working on their team.

However, the new AISC specification ANSI/AISC 360-10 in my mind is a game changer for the industry. They have added a chapter “N” which sets minimum standards of quality for fabrication and erection. It also requires a quality manual for fabricators and erectors. This specification will come into play with the adoption of IBC 2012 by building officials.

Two weeks ago NISD President Mike Bowers and I held a workshop here in Dallas trying to get a feel of how this new specification will be viewed by the design and fabrication community.

The designers felt that they will no longer be under pressure to waive AISC certification of fabricators and erectors. As the specification and building code are in reality one document, all the requirements of ANSI/ASIC 360-10 will be the rule governing steel construction. Detailing and detailing certification are not part of this code. However, in a user note, it allows quality requirements to be interpreted from the shop and erection drawings.
Member Lobbies for Small Business

by Jack Metcalfe of the Pittsburgh Chapter

In November, Cindy Schulz, President of NISD Associate Member Schulz Iron Works, and VP Dave Schulz traveled to Washington DC as part of an NFIB (National Federation of Independent Business) team. The goal of the coalition was to give team members an opportunity to meet with legislators and explain the struggles individual businesses endure with government regulations. They asked for help in controlling and reducing many burdensome rules.

At the meeting with NC Senator Kay Hagan, Cindy explained that there are currently over 4,200 proposed new regulations in the pipeline and that over 800 of these will impact small business. Small business folks cannot afford to comply with additional regulations, and many existing ones are unnecessary and expensive to follow. Small business cannot afford to implement all this red-tape and continue to keep their doors open, particularly in today’s economic times.

The Washington stimulus plan did not have much impact on construction projects because not all jobs are federally funded. In the private sector, developers need more access to funding so construction companies such as detailers, fabricators, erectors, and contractors can keep their employees gainfully employed instead of on the government unemployment dole. A number of the proposed regulations will mean increased costs for small firms such as a 3% withholding on federal projects, a 3.8% sur-tax on investment income, and a new health insurance tax, just to name a few. The final plea – PLEASE, no more regulations.

To certify, or not to certify, that is the question...

Continued from page 5

AISC certification of fabricators thru the Building Standard has a chapter dealing with qualification standards for detailing and requires fabricators to follow guidelines as defined in their qualification manual. The new NISD QP Program written by John Linn and Jack Metcalfe follows these same ideas but adds some details dealing with our industry in particular. Here again there have been many detractors from this program, from, “I don’t need anyone telling me how to run my company”, to “how can I afford to pay for this?” and, “how are overseas firms to be qualified?” What is largely misunderstood is we are not telling anyone how to run their company, we are asking you to tell us how you run your company and does it meet a standard of quality?

I see in the activities of the construction industry, movement towards all kinds of new certification. A good example is the AGC BIM Forum which now is offering BIM certification at several levels. I’ve spoken to an architect whose concern for quality took him down the path of having his firm ISO certified.

To sum up, all of our firms are recognized by the quality we produce and we are able to continue in business as we strive to serve the needs of our customers, who will be finding quality a driving factor in the near future.
When John Linn asked me to write an article about Kerri Olsen, I had no idea that I would enjoy interviewing and researching her so much. She is a true friend of the steel detailing profession and a champion for the causes that the NISD promotes. And...she knows her stuff!

Kerri got her start with a fabricator in Vancouver, Washington as a receptionist in the accounting department in 1978. She was able to work her way into the estimating department and began by running prints. Within 4 years she was the chief estimator. She went on to work for two other fabricators as chief estimator until going out on her own.

In 1993 she founded Steel Advice, a steel construction management company offering such services as estimating, technical writing, project management, cost accounting, fabrication shop scheduling and training of estimators and detailers. In 2003 an article she wrote for the Seattle Daily Journal of Commerce was spotted by a law firm representing a general contractor against the state of Washington. Based on her expert witness testimony, they were able to prove that it wasn’t the detailer’s fault…I told you she’s a friend to steel detailers!

She has written articles for Modern Steel Construction and The Connection as well as her own monthly publication, The Fabricator’s Resource. She’s written a textbook called the Art and Science of Steel Estimating-Beginning Fundamentals. She has been a speaker for various steel industry organizations including the NISD and her website SteelAdvice.com is a wealth of information for anyone in the steel industry. You can find her “pro-detailer” articles there as well as the current and past issues of The Fabricator’s Resource. I would strongly encourage you to check it out if you haven’t already (especially the featured detailers section of The Fabricator’s Resource).

I asked Kerri if she had any hobbies. She just laughed and said, “I like to write.” She’s busy working on her next book, an advanced studies book that will include the thought process and best practices for steel fabricators. She hopes to have it completed in the first quarter of 2012.

The NISD is lucky to have someone of Kerri’s caliber on its side. The next time you see her, please take a moment to thank her and let her know she’s appreciated!
Detailing Guide for the Enhancement of Erection Safety & Efficiency

Produced by the SEAA and NISD, the Detailing Guide features over fifty suggested concepts, hints and illustrations for erection procedures based on OSHA sketches (1926.750 thru 751), and provides “suggested” or good practice sketches/concepts to enhance safety and efficiency. Following the clear and understandable sketches, there will be a positive impact on project costs. Successful steel project completion depends on the cooperative activities of many players. The owner, architect, GC, fabricator, detailer, suppliers and erector all play significant roles. The detailer is often described as the interpreter. He is the “lead off man” on projects and is often the first to interface with the architect/engineer drawings.

With emphasis on “team collaboration” and pre-draft planning, the checklist shows constructors how to get started on sequencing, scheduling, shipping, cranes, connections, bolting, safety, welding communications, pre-bid value engineering, responsibilities, joist/deck & roof openings and erectability. Collaboration between engineers, fabricators and erectors gives assurance that every piece of steel has been detailed, in proper sequence, and that the steel is safely eretable with connections that match, clearances are considered, and bolt placement is possible and that all special requirements are recognized. The guide has over 50+ downloadable CAD files. Order online at www.seaa.net or call SEAA HQ’s at: (336) 294-8880.

NISD & SEAA members receive a complimentary copy of the Detailing Guide.

Prevention Through Design
A New Way of Doing Business

Taken from a report by Mike Toole, P.E., Civil & Environmental Engineering Bucknell University

Prevention through Design is the idea that design decisions can influence the safety, health, and well-being of workers during construction, operations, and maintenance activities within the built environment.

The National Institute for Occupational Safety and Health (NIOSH) recognizes that if the “Prevention through Design” concept is going to diffuse across our industry, young engineers need to hear about the concept while they are still in college.

As such, NIOSH commissioned engineering and safety faculty at four universities (Bucknell, East Carolina, Oregon State, and Purdue) to create educational modules on “Prevention through Design” that engineering faculty can easily incorporate into their courses. Professor Mike Toole and two undergraduate students at Bucknell created an educational module for structural steel engineering schools that was based extensively on the Detailing Guide for the Enhancement of Erection Safety published by the National Institute of Steel Detailing (NISD) and the Steel Erectors Association of America (SEAA).

This and the other three modules will shortly be sent to the Deans of Engineering at all major universities in the U.S. NISD and SEAA members should feel good that their efforts to improve safety in our industry will be contributing to the education of engineering students nationwide.
Good-bye and Good riddance 2011.

I for one will not miss you when you’re gone and don’t care to see the likes of you return ever again. But along with the negatives for 2011 there are also a few positives; for most of us the positives have been too few and much too far between.

This is kind of how the year went:

• The worldwide recession was like an up and down roller coaster where an economic problem in another country or another continent had a major effect on the economies on a great number of countries all around the world. It’s pretty crazy how much we are all tied together these days. When we look at the economic conditions that were prevalent in 2011 it is pretty hard to find very many bright spots in the mix.

• The stock market was having a few strong weeks with some nice steady increases, and then somebody in Greece screws up and hits the wrong button on his computer and the market drops hundreds of points.

• Banks and financial institutions had billions of dollars sitting around in their vaults but for some reason they don’t want to loan it out to anyone who could help the economy such as builders or developers.

• Politicians said they wanted to create jobs and put people back to work but then they could never agree to pass any legislation that would actually do that.

• The wars in Iraq and Afghanistan continued throughout 2011, even though both wars are supposedly in the process of winding down and ending soon. (Don’t bet on it.)

The outcome of all of these things is that for most of 2011 we were stuck in the muck with our wheels spinning and never really made much progress towards recovery.

NISD has shown some resilience through 2011 but NISD has also taken some pretty hard hits along the way. We started the year with 390 total members and ended the year with 282. Regular membership dropped 28% overall with 16% loss in chapter members and 35% loss in Members at Large.

Our industry and our institute endured great loss with the passing of several people who were prominent in our industry. We lost two NISD past presidents with the passing of Lenny Ross in Atlanta, Georgia, and Don Pope in Arlington, Texas. There was also the passing of two chapter officers, Leonard Olszak of the Midwest Chapter and Morris “Tippy” Crow of the Southern Chapter.

Throughout 2011 we steel detailers have had to struggle in a market with fewer jobs to bid and with more competitors to bid against and with competitors who continue bidding with lower and lower prices. These companies take the job at a loss and eventually go out of business only to be replaced by someone else who repeats that same process all over again. When will all of this insanity end? I wish I knew. It’s already too late in 2011 for it to end this year. I can only hope we’ll see more substantial recovery in 2012.

For us in Northern California and for other detailers I’ve talked with in other parts of North America, the last few months of 2011 have seen an improvement in business activity and in projects that are becoming real jobs instead of just quietly disappearing out of sight after bid time. It gives me some degree of confidence that we are at least inching towards an economic recovery.

So adios to 2011 and Happy New Year 2012!

I’ll look forward to seeing you in Las Vegas on May 17-19. Together we will make 2012 a Great Year!
Datadraft Structural Detailing Systems, Inc. located in Montreal, Quebec recently completed the detailing of an industrial conveyor project for a potash mine bulk storage site located in Belle Plaine, Saskatchewan, Canada.

The entire detailing project was done using Tekla Structures software. The work was performed at Datadraft’s office but was actually a joint effort by two NISD firms working together. A team of 4 detailers staffed the job. Three were from Datadraft (Quebec) and one was from John Linn Associates, Inc. (California). The team completed the entire project in six weeks and worked a total of 820 hours, which included almost 200 hours of revision time.

The project consisted of four non-symmetrical trapezoidal bents that were field-bolted and five gallery-boxed trusses that were fabricated in shop-welded frames. The typical galleries measure 10 feet wide by 12 feet high. The inside of the gallery houses two conveyor frames stacked one on top of the other with a maintenance walkway running alongside the conveyors.

The galleries were shipped out with as much shop assembly as possible. The conveyor stringers were installed complete with the carrier and return idlers bolted on. The walkways were complete with floor plate and handrail. Wall girts and roof purlins were connected, and roofing and siding was installed except for the one side left off for shipping.

At the end where the conveyors enter the processing building, the top conveyor separates and rises upwards to enter on the upper floor while the lower conveyor enters on the lower floor. Due to the top conveyor rising upwards the end box truss increased in height to 25 feet at the entry to the building. Therefore a horizontal splice was required for shipping requirements.

The fabricated length of the galleries ranges from 70 to 110 feet. Considering the box size is 10 feet x 12 feet, it would seem like an impossibility to ship them in one piece by truck to the job site in Saskatchewan, but that is exactly what they did. They were laid down on their side onto low bed trailers and shipped down the highway for an incredible 2000-mile trip to the site.

Once they reached their destination the galleries were erected in just a matter of days. The steel went up without a single problem. The box trusses were fitted with special lifting devices that had to be modeled in at an angle dictated by the crane-lifting sling and hook heights. This detail allowed for a smooth and efficient erection process.

Datadraft owner Robert Beauchamp stated that all in all it was a very successful project for everyone involved: the designer, detailers, fabricator, and erector.
Al Binning is a Structural Engineering Technology Instructor at Southwestern Community College in Creston, Iowa. He worked at PDM Steel for 11½ years getting his start there as a detailer after graduating from the Steel Technology Program at Southwestern Community College in 1975. He later moved into PDM’s Estimating Department and then on to Contracts. In 1999, after 25 years of working in the steel industry, he returned to his Alma Mater to pass on his knowledge to a new generation interested in entering the steel technology industry. The program at SWCC is an eleven month program that includes courses in steel detailing, AutoCAD, SDS/2, plan reading and connection design.

Al has been a member of NISD since 2009, and in October of this year, he received his Certification from NISD as a Senior Detailer - Class I, under the discipline of structural/miscellaneous after taking and passing the IDC test. Al is also a certified SDS/2 Instructor and received the Award of Excellence in Teaching from them in 2009.

Al felt the IDC test was challenging and said that he actually learned something from it. He absolutely recommends the IDC program to all detailers, would like to see some connection design questions, and is working with Mike Bowers and Kevin Jacques to develop a version for students.

In his spare time, Al enjoys ballroom dancing and spending time with his horse, Daisy.
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 □
- Home Address: _______________________________________________________________
- City: ___________________________________ State/Province: _______________________
- Zip/Postal Code: _______________________ Country: ____________________________
- Telephone #: __________________________ E-mail: ______________________________

- Current Employer [if applicable] ______________________________________________
- Business Address: __________________________________________________________
- City: ___________________________ State/Province: ___________________________
- Zip/Postal Code: _______________________ Country: __________________________
- Telephone #: __________________________ E-mail: ______________________________

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
Livermore, CA 94550-6416

Credit Card Information: Credit Card #: __________________________ Expiration Date: __________
Name as it appears on card: _______________________________________________________
Signature: _______________________________________________________________________

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@mdbowers.com

Re-certification is required every 3 years
California Chapter
by Fred Tinker, Director

The California Chapter for some Members is seeing a pick up in work and more jobs to bid. I did a phone survey of the chapter and received remarks such as: “working to survive”, “not real busy”, “have some work”, “got work” and “fairly good work load.” All are saying that there are jobs to bid!! Also more members are having a better feeling about the future!!

A few of our members talked about the poor design drawings and how hard it is to get answers in a timely manner. I asked if they had a start-up meeting with the fabricator, engineer, erector and general contractor? Told them this is the time to meet everyone and talk about how to handle RFIs direct to the engineer with a copy to all others. I told them how this speeds up the RFI process and if the engineer has a question they can contact you direct. This has been a real time saver for us. You need to ask for the start-up meeting even if it means flying to another city. Believe me it is worth the price of an airplane ticket.

The California Chapter is planning a meeting after the first of the year with the Oce’-USA, Inc. Printing Systems Co. at their office in Irvine, CA. We look forward to seeing what is new in the world of printing, copying and scanning. Next report we will have pictures of our meeting.

Hope your holidays were great and Safe!

Quebec Chapter
by Robert Beauchamp, Director

There has not been much activity since June, but everyone has been busy in this area, patching up the recession wounds. The chapter has had no meeting, but upon my return from the last board meeting in San Francisco, there has been a surge of email activity.

One main issue here is a change in the requirements for the safety of construction workers, especially for erection crews. In essence similar to OSHA’s regulations, the new rules here also request that all floor and roof joists be bolted at each end, no matter the span of joist sizes, which is adding to the detailing and shop work.

Miss Sylvie Boulanger, ex CISC’s regional engineer and director has not been replaced yet, which has hampered the local activities …the new-comer will have big shoes to fill! The chapter is pleased to WELCOME BACK the return of two firms that had dropped their membership; we hope that current chapter members will hang on!

At this time everyone is busy with some of our members enjoying significant backlog. The market work offer is picking up locally, and also in the Western provinces, with a lot of large mining projects, as well as other types of work making a come back. Our chapter director is involved in the NISD’s Education Committee with chairman Kevin Jacques from the New England Chapter, as well as in the CISC’s regional Awards of Excellence 2012 organization.

All in all, an optimistic feeling floats around, a sure change from previous quarters!

Hopefully all is as joyful all across NISD’s membership.

Pacific Chapter
by John Linn, Director

On Sept. 19th the Pacific Chapter met for a combined meeting and social event. The setting was a backyard barbecue held at John Linn’s house. Five chapter firm owners and their spouses were in attendance along with one guest firm and spouse who were from the detailing firm Steel Draft, a former Pacific Chapter member.

There was a lengthy discussion, which mainly centered on issues of the difficult economic conditions in Northern California for steel construction. People spoke of some of the different tactics they are using to cope with the problems of reduced workloads and crazy low bid prices in our area.

We learned that there is a California State-run program called the Work Sharing Unemployment Insurance Plan, whereby the state will supplement employee pay when there is a reduction of workload during a temporary slowdown. The purpose is to help retain the employees and spare them the hardship of total unemployment. One of the attendees at the meeting is already enrolled in the program and during slow work periods their employees have been recipients of supplemental pay benefits. Other chapter firms are now going to investigate enrollment in this program.

The meeting and backyard social was not only an excellent chapter meeting but also an enjoyable social time for all who were there. We are planning our next meeting for sometime in late January.
Quality Procedures Program

The NISD Quality Procedures Program certifies a detailing firm’s commitment to quality services to the steel construction industry. This program provides a method for defining and recognizing a nationwide system of uniform levels of quality assurance procedures for detailing firms and fabricators’ drawing rooms.

Evaluation and on-site inspections are conducted by a committee-approved and designated auditor. The program will consist of an initial on-site audit and a triennial on-site audit, thereafter. The intervening years require a written self-audit based on the standard program checklist.

Attaining QPP certification will improve and benefit any firm whose primary business is the in-house production of shop detail drawings for the fabrication of structural or miscellaneous steel, or any full time detailing division of a firm engaged in the fabrication of structural or miscellaneous steel. Such firm must be formally registered and recognized by federal, state and local laws and must possess any and all applicable tax ID numbers, business licenses, as required.

Categories for evaluation include company policies regarding client relations and directions to employees, procedures and checklists, facilities and equipment, educational programs and personnel knowledge.

Visit www.nisd.org for more information, application and program fees.
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
☐ 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
Board Meeting Highlights
NISD Board of Directors Meeting

October 15, 2011 in San Francisco, CA

by John Linn

The treasurer’s report submitted by Richard Stern indicates that for fiscal year 2011 the Institute has been operating well within its annual budget and overall we are in good financial shape.

The board is considering a proposal that would give board of directors’ representation for Members at Large. If the at-large members are in favor of this proposal, one of the first steps will be to amend the Constitution & By-Laws as necessary.

The Industry Standard is being revised to include our position on BIM (Building Information Model). Board members discussed their concerns and asked several questions: Who owns the model if not owned by the detailer? How would macros that were developed by the detailer be handled? What liability does the detailer assume if something is wrong in the model and it is later re-used by the building owner? How would coordination time with the BIM model be handled? Industry Standard chairman Joel Hicks will do a position paper before December 1st in time for the AGC BIM Council.

On the Quality Procedures Program, David Merrifield is taking over as committee chair, replacing Jack Metcalfe and John Linn. The new chairman reported that the 2012 International Building Code may be requiring certification of detailers along with that of fabricators and erectors. Mr. Merrifield is planning to meet with local architects and engineers in his area to try to get a clear understanding of what the new code requirements will be.

The IDC program continues to test and certify detailers. There are presently 23 applicants in line to be tested.
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<td>Guidelines for Successful Presentation of Steel Design Documents</td>
<td></td>
<td>No charge</td>
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<td>...the Steel Detailer's Point of View</td>
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<td>Certification Programs for Detailing Companies &amp; Individual Detailers</td>
<td></td>
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<tr>
<td>NISD Informational DVD : Introduction to Steel Detailing</td>
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<td>Quality Procedures Program</td>
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**Regulations for Successful Presentation of Steel Design Documents**

- No charge
- The Steel Detailer’s Point of View

**Certification Programs for Detailing Companies & Individual Detailers**

- No charge

**NISD Informational DVD**

- Introduction to Steel Detailing: $10.00
- Quality Procedures Program: $10.00

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All above items going to addresses within the US include shipping & handling. Please allow 10 business days unless other arrangements are made at additional cost. **International shipping is extra.**

- Detailing Guide for Erector’s Safety & Efficiency [Second Edition] Contact SEAA at 336-294-8880 or [www.seaa.net](http://www.seaa.net)

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To The

NISD 2012 ANNUAL MEETING

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ON

MAY 17 - 19, 2012
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