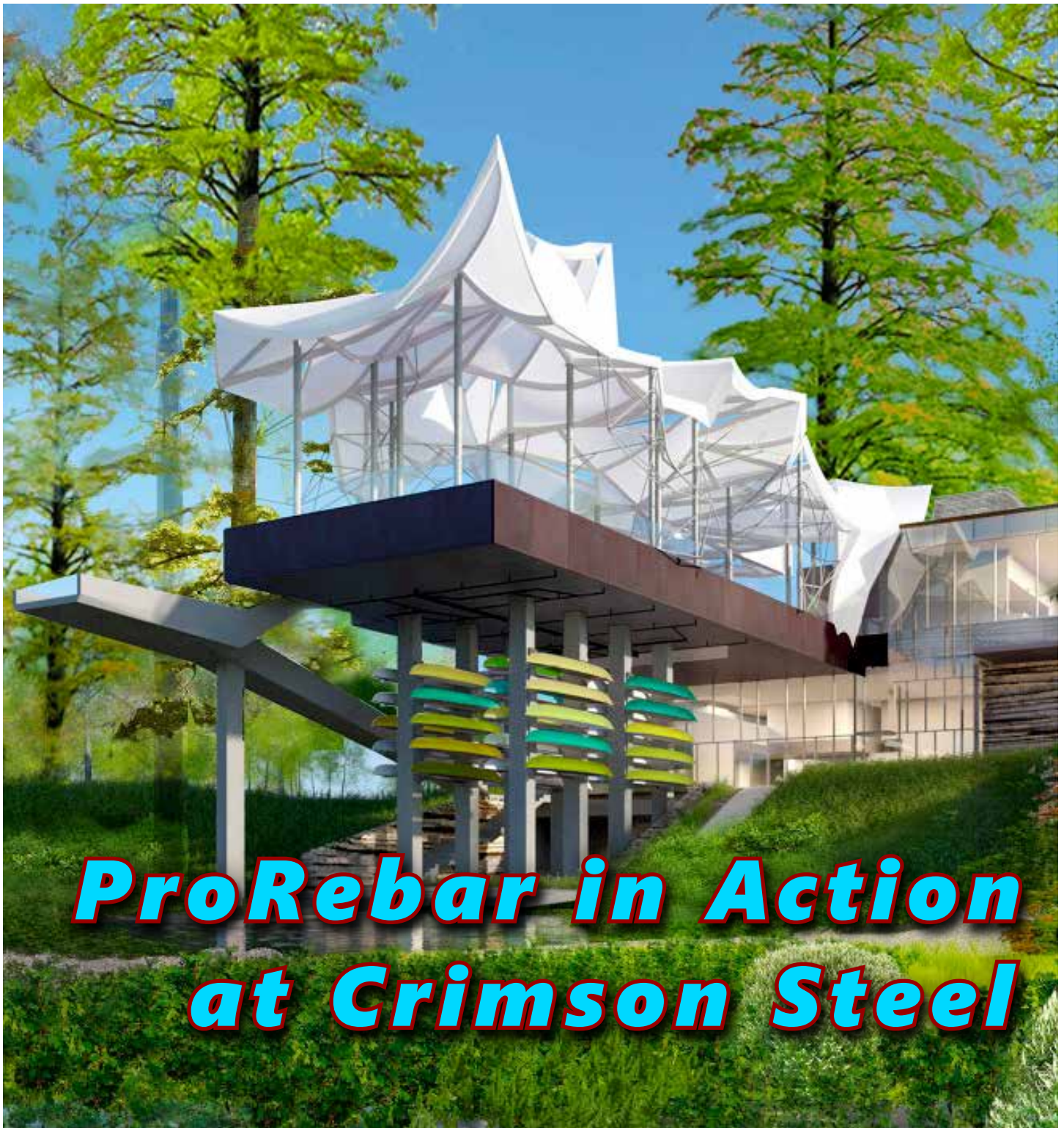


REINFORCER

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ProRebar in Action at Crimson Steel



aSa News

Learn about upcoming events & see what's new at aSa. >P. 3



What's New in v16.2

Learn how several features in the newest release of aSa software can help your productivity. >P. 4



Introducing aSa 5G

aSa introduces new 5G software during software forums in Pittsburgh and Sydney. >P. 6

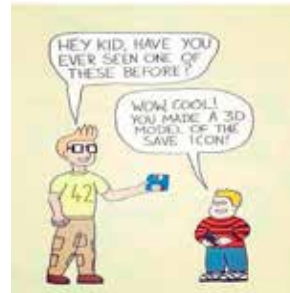


Simply Amazing! Amazingly Simple!

You have to feel great when a plan comes together. After years of design and development, aSa customers had their first taste of our fifth generation (5G) software. In Pittsburgh and Sydney, at our two Building Innovation software forums in March and July, hands-on sessions enabled aSa customers to try the web-based software for themselves. Although 5G had not yet gone through significant QA testing, it performed well as users entered customers, jobs, inventory items, and orders.

At the Pittsburgh forum, the aSa development team attended the 5G hands-on session. They watched eagerly as users tried the new software for the first time. For all of us, this was truly exciting! Overwhelmingly, users were able to operate the system with little or no training or assistance. The new workflow is simpler and yet the software is more powerful. The success at the meeting is really a testament to our design process and the talent of our development team.

The process to design and develop 5G has been a challenging one. Often, it is very difficult to make complex software applications appear simple and easy to use. This is one of our biggest accomplishments in 5G – and this was validated by watching people at the forums use the software. During our design meetings, sometimes we would make rapid progress. Other times, we would get stuck on small details. One such discussion related to what icon to use for Save. We debated using the traditional floppy disk icon or going to a more contemporary save icon. Was the traditional icon old-school and obsolete? Would a new icon be clear and recognizable? This discussion consumed a good bit of time (arguably too much). And, in the end, we decided to stay with the well-known and well-understood floppy disk icon. I mention this anecdote because it is this attention to detail that helps to make good software great. We are currently on schedule to release phase I of 5G for beta testing at the end of 2017. This will include the basics of Order Entry and Tagging. We will release more modules as they are completed in 2018 and 2019.



Thanks to all of our aSa customers who attended the Pittsburgh and Sydney forums. We appreciate the time you spent with us and were so pleased with the positive and constructive 5G feedback. Additionally, it's not too late to serve on one of our Customer Advisory Boards. These will be ramping back up in the fall. We look forward to getting more feedback as 5G is released and as development continues.

Best regards,

Scott D. Leib
President/CEO

EDITOR

Jerry Born

ASSOCIATE EDITOR

Jason Butina

AUTHORS

Jerry Born, Jason Butina,
and Scott Leib

LAYOUT & DESIGN

Jerry Born

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Need Help?

Whether you have a quick question or one that is more involved, our sales and consulting teams are ready to assist you and help answer your questions.

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Reinforcing Applications Support

racsupport@asaHQ.com

CAD Support

cadsupport@asaHQ.com

Business Applications Support

bacsupport@asaHQ.com

IT Support

itsupport@asaHQ.com

Sales

websales@asaHQ.com

Contact aSa

Applied Systems Associates, Inc.
5270 Logan Ferry Road
Murrysville, Pennsylvania 15668
Web: www.asarebar.com

Toll Free: 1.800.CALL.ASA

Phone: 1.724.733.8700

Fax: 1.724.325.5553

aSa Australia: +61.429.227.891

aSa India: +91.960.0229333

aSa South America: +57.319.466.25.65



aSa Client Care

All aSa software upgrades, as well as customer support via phone, e-mail, and web, are included with your aSa Client Care plan. Additionally, Client Care also includes free access to our entire eLearn training site.

Additional Module Videos Available in Spanish *Videos de Módulos Adicionales Disponibles ya en Español*

To complement our full list of module videos in English, we have recently updated our Spanish video library on the aSa website and aSa YouTube channel. The following overview videos are available for our Spanish-speaking customers:

Para complementar nuestra larga lista de videos de nuestros módulos en Ingles, hemos recientemente actualizado nuestra librería de videos en español en el sitio web de aSa y nuestro canal de YouTube. Los siguientes videos están disponibles para nuestros clientes de habla hispana:

- | | | |
|---|---|--|
| ■ Go Rebar
<i>Go Rebar</i> | ■ Scheduling
<i>Programación</i> | ■ Production
<i>Producción</i> |
| ■ Material Tracking
<i>Rastreo de Material</i> | ■ Bundle Inventory
<i>Inventario de Paquetes</i> | ■ Load Tracking
<i>Rastreo de Carga</i> |

Software Forum 2019 Dates Announced

The official dates for our next software forum in Pittsburgh have been announced. The 2019 event marks the 50th anniversary of aSa and you can bet that there will be some special surprises. Mark your calendar for **March 19-21, 2019!**

Currently Supported aSa Software Versions

aSa currently supports v16.2, released May 2017, v16.1, released March 2016, and v14.2, released May 2015. (v14.2 retires December 31, 2017).

Version 14.1 and all previous versions are retired. Our consultants will continue to provide phone and e-mail support for all products, including retired versions. However, we will not make any code changes — including patches, upgrades, or enhancements — for versions that have been retired. If you require a change to a particular product, and your version has been retired, you must upgrade to the newest version.

Upcoming Events

World of Concrete



January 23 – 26, 2018
Las Vegas, Nevada
Visit aSa Booth N2601

The Precast Show



February 22 – 24, 2018
Denver, Colorado
Visit aSa Booth 1811

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+ 1.724.733.8700

aSa v16.2 Enhancements

New version emphasizes shop flexibility.

Ready	Load	Stop Count	Delivery/Ship Date	Delivery/Ship Time	Trailer	Carrier	Priority	Load Symbol	Comment	Longest Length (ft-in)	Weight (lbs)	Status
			06/05/2017	12:00PM	532	803	1			22-05	1,927	Shipped
			06/06/2017	09:00AM	675	803	1			21-11	383	Loaded
			06/06/2017	02:00PM	681	803	1			19-08	476	Open
			06/16/2017	01:00PM	675	806	0			15-08	19,481	Open
			06/16/2017		630	801	1			26-02	1,718	Open
			06/15/2017		644	801	0			15-08	17,941	Open
			06/26/2017		602	801	0			13-05	19,082	Open
			06/06/2017	03:00PM	617	805	2			23-08	4,835	Open
			06/06/2017	02:00PM	632	804	0			25-05	4,322	Loaded
			06/06/2017	03:00PM	619	803	2				736	Open
			06/11/2017	01:00PM	630	804	0				88	Open
			06/13/2017		609	802	0				286	Open
			06/16/2017	01:00PM	644	804	2				1,491	Loaded
			06/16/2017	01:00PM	675	813	2			7-08	182	Open
			06/21/2017	12:00PM	629	806	2			23-05	1,168	Open
			06/16/2017	12:00PM	675	809	0			7-05	680	Open

The newest upgrade to aSa's software suite was released in May, and customers enrolled in aSa Client Care can get it for free. Simply visit our Client Care Portal site at <https://portal.asarebar.com> and fill out the Distribution Request form. The following are just a few of the new tools and enhancements you can expect in aSa v16.2.

▲ **Web Delivery Ticket.** The new browser based solution lets you view the real-time status of each load, stop, control code, and item. It also provides a quick and easy way to generate delivery tickets as items are loaded onto trailers.

Delivery Ticket. aSa's simple but powerful module for creating clear, concise shipping documentation – is now more flexible than ever. Specifically, you can now ship a bar list on multiple loads by selecting specific tags for each load. This ability allows your shop to more easily adapt to changing priorities and delivery requirements.

Web Delivery Ticket. The new browser based Web Delivery Ticket solution lets you monitor the real-time status of your loads as they are being completed in the shop. When a load is finalized, you can easily generate all associated delivery tickets with just a few clicks. In the Delivery Ticket Report screen, new Sort and Select options make it simple to find and print

the most recently created delivery tickets.

Dynamic Load Building. Prior to this new feature, loads had to be built using aSa Scheduling's Load Building screen, typically before the loading process began. Now, you have the option to create loads on-the-fly as bundles are loaded for shipment. As you scan material with the mobile

scanner, you can assign an entire bar list to a load, or optionally split bundles among multiple loads. You can also create delivery tickets for completed loads.

Master Group Tags (MGT).

Production, Material Tracking, and Load Tracking modules now have the ability to create and manage “master groups” of material. A master group is simply any user-defined collection of items that you want to identify and ship together.


MGTs are printed from aSa Production. At this point, the tags are simply placeholders waiting for a group. When you’re ready to create a master group, Material Tracking activates the tag and associates it with the item bundles that belong in the group. This process can be completed using a mobile scanner or aSa TouchTracker.



In Load Tracking, simply scan the MGT to mark all the group’s items as loaded. This saves time by eliminating the need to scan each item tag individually.

Rebar Financials. Rebar Financials users have always been able to use Microsoft Outlook and other client-

based applications to e-mail documentation. However, with the release of v16.2, users now have the ability to send invoices and other documents using any e-mail provider that supports Simple Mail Transfer Protocol (SMTP), including Gmail, Yahoo, and other external SMTP e-mail applications.

All this, plus Dynamic Production. See our summer 2016 Reinforcer for a full article about the benefits of Dynamic Production, which lets you easily adapt to changing priorities by downloading tags to your TouchTracker, then printing the tags on demand as needed. 

▲ Using a mobile scanner, Dynamic Load Building enables your shop crew to create loads on-the-fly as items are loaded onto trailers for delivery. Dynamic Load Building works with Delivery Ticket to track loads and easily print shipping documentation.

Master Group Tags



- Create any user-defined collection of items
- Identify the entire collection with a single tag
- When the package is loaded, scan the master group tag to mark all contained items as shipped

Watch our video on aSa eLearn
New in aSa v16.2
<https://www.asarebar.com/new162>
(LOG IN REQUIRED)

aSa Introduces New 5G Software in Pittsburgh and Sydney

Attendees at both events provide positive and encouraging 5G feedback.



Since the 1970s, aSa has held its software forum in Pittsburgh every two years. These events provide great opportunities to learn about aSa software, share ideas, and network with other rebar industry peers. In addition to the Pittsburgh event March 21-23, aSa also hosted a similar training event July 19-20 in Sydney.

In March, aSa welcomed nearly 120 attendees to Pittsburgh for several days of learning, networking, and having fun. Each day was filled with instructor-led and hands-on classroom sessions and unique evening entertainment. Tuesday evening's entertainment, included a construction-themed photo booth and karaoke. The group enjoyed Brewing Innovation at Penn Brewery on Pittsburgh's historic North Side.



“aSa continues to deliver and push the envelope with their revolutionary web-based exciting 5G product. Keep up the great work!”

— VINCE QUIQUERO
AGF-C&T, INC.



software users from Australia and New Zealand.

While similar to the Pittsburgh meeting, the Sydney event focused on addressing the unique needs

MORE PHOTOS AVAILABLE ONLINE


<https://www.asarebar.com/AboutaSa/Forum17/Photos>

<https://www.asarebar.com/AboutaSa/Forum17Sydney/Photos>

of the Pacific market. During the meeting, attendees were able to network and relax while enjoying drinks and a special dinner at Steel Bar and Grill, not far from Cliftons Sydney where the forum was held.

The highlight of both forum events was the opportunity for participants to try out 5G, our next generation web-based

software, for themselves. At hands-on interactive sessions, attendees created customers, jobs, inventory items, and orders. The response to the new product has been overwhelmingly positive.

We look forward to seeing you March 19-21, 2019, for the next aSa forum in Pittsburgh, as we celebrate aSa's 50th anniversary! 

While we invite all of our customers to the (Pittsburgh) forum, we also realize that travel time and expense can make it difficult for companies outside the Americas to attend. With an increasing customer base in the Australasia region, aSa conducted a regional training event in Sydney. The Sydney event, the first of its kind, was attended by more than 25 aSa

ProRebar in Action at Crimson Steel

aSa ProRebar helps Oklahoma fabricator detail innovative projects for new riverfront recreation complex.



When future visitors to A Gathering Place for Tulsa — a new riverfront park currently under construction — walk, run, and play among the trees, they may not even notice that cars are zooming from one side of the park to the other below their feet. They certainly won't know how the complicated curves of the roadway's tunnel made placing the structure's rebar a true challenge.

▲ *A Gathering Place for Tulsa, a new riverfront recreation complex set to open next spring, will allow visitors to enjoy a lodge, boathouse, sport courts, nature walks, and a large lawn for concerts. One of the park's main features is a land bridge that allows motorists to traverse the park via tunnels without interrupting the landscape for visitors above. Reinforcing for the 2,300-ton project was provided by aSa customer Crimson Steel Supply.*

But Scott Morrison knows it all well.

Scott was responsible for detailing the park's land bridge project. He relied on aSa ProRebar® to help him visualize the structure and place the bars. "The way the structure curved had so many radiuses, I don't know how I would have done the

math to figure it out without ProRebar. But, I knew I could model it and put the rebar in there," says Scott. He detailed the project for Diamondback Steel, which has since merged with Crimson Steel Supply.

The project consists of a pair of 300-foot tunnels that are covered by recreational

space. Deemed land bridges by the designer, the space above the tunnels will be landscaped to block the sights and sounds of cars passing underneath.

Diamondback (later Crimson) shipped the first load of steel in January 2016. The fabricator eventually provided 2,300 tons of rebar

for the tunnels. Crimson worked closely with general contractor Crossland Construction on the project. Funded by the George Kaiser Family Foundation, A Gathering Place for Tulsa represents the largest private gift to a public park in U.S. history. The 66-acre recreation complex is set to open in spring 2018.

Scott explains the process he used. "I created a wire frame model as the basis. Using ProRebar tools, I created lines and patterns, then individually placed the bars I needed. It was very complex. Some of

the bars had four or five different radiuses," he says. It took three to four weeks to model the tunnels, and the entire project lasted a year, according to Scott.

Although Building Information Modeling (BIM) was not a requirement for the project, Scott says he definitely benefitted from creating the 3D model. In addition to helping visualize the bars' placement — the main reason Scott used ProRebar — it also helped in collaborating with the engineer and general contractor. "At one point, the engineer had a problem and

didn't think the bars would fit as detailed. So, I sent him the 3D file to view and he signed off on it," says Scott. At another point in the process, the general contractor came to Scott's office, and they looked at the model together to help answer construction questions.

Recognizing the benefits of working in BIM, detailers from Crimson (Diamondback) were among the earliest aSa customers to begin using ProConcrete and ProRebar more than six years ago. Bentley ProConcrete

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"(The structure) had so many radiuses, I don't know how I would have done the math to figure it out without ProRebar."

—SCOTT MORRISON
CRIMSON STEEL



◀ Scott Morrison of Crimson Steel modeled land bridge tunnels (left) and a Boathouse staircase (front cover) using aSa ProRebar. ProRebar lets you create a model of all the concrete and reinforcing required for a project. From the model, you can then generate 2D details and take off material directly to your aSa database for use by downstream applications.



Need a Client Care Login?

The aSa Client Care Portal contains numerous downloads and resources that are available only to clients enrolled in aSa Client Care. You will need a username and password to log into the site.

To register, open our Client Care webpage, then click the Register Now link.

DO IT YOURSELF

Get Organized With Elements in Go Rebar

Using elements to group material is a great way to organize your Go Rebar orders.

- Elements can be set up for any purpose that suits your needs. For example, you could use elements to identify structure types, concrete pours, or trailer loading sequence.
- The longest length item contained in the element, and the element's total weight, automatically display.
- If your element identifies a structure that is used in multiple places within the project, you can easily apply a "places" multiplier at the element level. All items within the element are automatically multiplied by the specified value.
- The system automatically inserts the first element. If you don't need to organize material on an order, simply list all your items without adding any additional elements.
- When a Go Rebar order is imported into aSa *e^x*, elements are automatically converted to *Tag Text/Bar List* messages.

To create an element:

1. Click **Element +**.
A new element header displays in the grid.
2. Enter a **Name** for the element.
3. If desired, enter a **Quantity**. All items in the element will be multiplied by the specified quantity.
4. Click **Finish** .



Q&A with aSa's Consultants

Need Answers?

The KnowledgeBase in the aSa Client Care Portal contains frequently asked questions by module.

Log into the Client Care Portal, and click *Search our KnowledgeBase*.

How can I enter a unit price or sales amount for mesh that was added to a sales order?

A setting determines whether or not the price may be entered on-the-fly in Sales Order.

1. Open the Mesh item (example MR661010).
2. Check **Allow Price Override**.

HINT: An option at the Item Class level determines whether this option is checked or un-checked for any new items added to that class.

Is there a report that shows excuse codes by detailer?

Yes, you can easily generate this report if you use aSa Rebar Financials.

From the Sage 500 Menu, select **Rebar Financials > Insights > Report > Sales Reports > Excuse Code**. You can sort or select report data on a variety of fields, including Detailer.

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ProRebar in Action at Crimson Steel

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is the base modeling package developed by Bentley Systems with assistance from aSa. ProRebar is an extended version of ProConcrete that includes special tools for fabricators and detailers, such as the ability to take off material from the model and connect to downstream aSa operations modules.

Scott says aSa CAD Consultant Bryan Diana was very helpful when he had questions. "When the software didn't let me do

what I wanted to do, Bryan was able to help me think of a different way to approach things," he notes.

In addition to the tunnel project, Scott also detailed a cantilever staircase for the park's Boathouse structure (see our front cover). He explains, "I decided to do it in 3D because the bottom half of the stair has a varying angle, making it extremely difficult to figure all of the different ties needed."

Scott has been detailing for Diamondback and Crimson

for 14 years. Recently, his role shifted, and he now serves as Director of Estimating for the company.

With fabricating locations in Tulsa and Muskogee, Crimson Steel serves the construction market in Oklahoma, Texas, Arkansas, Missouri, Kansas, and Colorado. "Service is what sets us apart. The customer can never ask for too much. We strive to get them what they need in a timely manner," says Scott, concluding, "We want them to come back for more."

Currently, Crimson Steel is providing reinforcing for several large projects. The new Osage Hotel and Casino in Tulsa is a six-story building with a two-level casino that will require 1,000 tons of rebar. Cross Residence at the University of Oklahoma is a 1,600-ton project that includes student housing and a parking garage. □

▼ The 3D Advantage.

ProRebar-generated details for A Gathering Place for Tulsa's land bridge tunnel and Boathouse staircase projects.

