



Trussbilt

Innovating security products for over 85 years

June 2013

Welcome to TrussLink!

Welcome to Trussbilt's first newsletter for the detention design community, TrussLink. Trussbilt has designed and manufactured quality detention products for more than 85 years. TrussLink will provide educational information for correctional design professionals, including industry best practices and real-world case studies. Our goal is to help you design the most cost-effective, flexible and adaptable correctional facilities possible.

To subscribe to this newsletter, [CLICK HERE](#)

New Product Selection Guide is Now Available

A new publication, the [Trussbilt Product Selection Guide](#), is now available for download from our website. The publication is an in-depth look at all Trussbilt products and contains technical data, recommended uses by type of facility and area within a facility, relative costs, and supporting discussion. The document requires a login to access the protected area on the website. If you have an existing login ID and password, simply go [here](#), login and download the Guide. If you want to request login access, complete the form on [this page](#). The Product Selection Guide is not available in hard copy. As updates are made, you will receive an e-mail notification and link to sign on to download the newer version.

We hope the Trussbilt Product Selection Guide will help you choose Trussbilt products that are the most appropriate for your designs. If you have ideas for how to improve this guide, we'd love to hear them. Simply e-mail info@trussbilt.com with your suggestions.

Featured Facility



*SCORE Jail, South Correctional Entity - Des Moines, Washington
Architect: DLR Group*

The challenge: Seven cities in the Pacific Northwest decided to build a full service regional jail to serve their area. The challenge was to build a facility that would include the variety of secure spaces required to serve varying detention needs in the most cost-effective manner possible.

The solution: Project architect DLR group focused on efficient use of space as the main driver in holding down costs. Their design used 2" thick steel detention wall panels instead of 6"- 8" thick precast concrete cell modules; this reduced the size of the overall facility by approximately 10%. Another benefit cited by Bill Buursma, DLR lead architect for the project, was that the [TrussWall®](#) cell system provides superior security and better sound isolation than precast concrete modules, both of which were important to the owners.

The General Contractor, Lydig Construction, knew there were significant construction scheduling benefits from using a steel detention wall system rather than precast concrete modules. Hans Hansen of Lydig stated, "The real kicker is the [precast concrete] walls would have been cast onsite in the wintertime" which would have required freeze blankets and other equipment. In cold weather, he said, "It would have been a nightmare", and would have substantially increased costs.

TrussCoat® Finish Paint System

Trussbilt's finish paint system offers a range of finishes to meet your facility's unique needs and budget. Lower cost options serve well in less demanding environments, while our highest quality product provides resistance to a variety of environmental challenges. Available options include:

- InvisaSeam®, which securely fills in joints between wall panels for a seamless appearance
- Flecked finishes for anti-glare properties
- Anti-microbial and anti-MRSA coatings
- Wood grain finish for a more aesthetically appealing solution

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Trussbilt's finish paint system provided anti-microbial finishes where needed, an important requirement for the owners. Because of the superior finish, this system comes with an industry-leading 10-year warranty.

The SCORE facility now serves as a model of a low-cost design for building a state-of-the-art, full service correctional facility. To learn more, visit www.trussbilt.com or contact Steve Stonehouse, sstonehouse@trussbilt.com.

Fire-Rated TrussWall® Steel Wall Panels

Trussbilt's steel wall panels are available with a 1- or 2-hour fire rating and are marketed as TrussWall FR-1 and TrussWall FR-2. These panels have been tested in accordance with ASTM E119. They have also been tested as load bearing walls with a design load of 1,700 lb./lineal ft.

Compared to typical fire-rated walls, the 2-5/8" and 2-3/4" thick panels are the thinnest, lightest fire-rated security walls available. Single panels can be manufactured up to 10' tall and can be spliced if a higher wall is needed. Fire-rated panels can be outfitted with Trussbilt's fire-rated doors, frames and windows.



Detailed information on fire-rated TrussWall is available in the new [Trussbilt Product Selection Guide](#), available for download on the Trussbilt website.