



Maple-Leaf News

Spring 2008

Laugh a little, learn a little & take a break from the daily grind

We'll Handle The Heavy Part!

When Maple-Leaf Construction is first hired as construction manager on a project, the typical client knows the heavy part of their construction project is now in professional hands. They'll then focus on coordination of new office furniture, added machinery, or initiating the hiring of the additional staff the new expansion will require.

The same can be said for our latest client, Scanada International, Inc., and its Bow, N.H., division—except that with Scanada International, their business is the heavy part. Scanada International is world renowned for its projects in the heavy lifting and slip forming industry. The company has worked with some of the world's largest construction consortiums on some of the world's most ambitious projects, such as the CN Tower in Toronto, Verrazano-Narrows Bridge in New York, and the Wolsung Reactor Containment Vessel in Korea.

As part of the Heavy Lifting Division, the Bow facility services the hydraulic jacks (lift-climbers), as well as supplying the conveying media—square steel jack



An exterior view of the newly expanded Scanada International, Inc. facility in Bow, N.H.

rod or cable, depending on the various applications. The latest expansion has provided Scanada with additional areas for the service technicians, cable storage and preparation, as well as additional office suites for constructions detailers, designers and project managers.

The project began with the existing building being reverse-engineered in order to determine the feasibility of a new addition. It was determined that the existing structure wouldn't support additional foundation loading, nor the snow load required by an adjoining addition. Therefore, a connector structure, utilizing a structural steel frame, was designed parallel to the existing building, with the addition adjoining the connector.

As for the addition itself, it's a gabled structure with a 4:12 pitch that seamlessly matches the exterior aesthetics of the original building. It's constructed of full footings and foundations, structurally framed exterior walls, pre-engineered steel trusses, and metal siding and roofing specified to match the original building.

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A view of the expanded warehouse prior to installation of cable handling and hydraulic pump servicing equipment.

Building Team Members

Maple-Leaf Construction

- Jeff Decker
- Mike Marois

Landry Design Group

- Mark Bourassa

Scanada International, Inc.

- Anders Vickstrom, Vice President
- Klaus G. Hieronymus, P.E.
- Charles Lagasse, P.E.



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Heavy Part...

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The overhead doors are 12'x14' to accommodate forklift traffic.

For the office addition, the existing mansard was expanded to match the building's original design, and all HVAC units were relocated out of sight to the expansion's roof area, which was designed to support the additional load.

The warehouse interior is illuminated with the latest in energy efficient lighting, and the entire structure was completely upgraded to the latest in high voltage power, transformers and branch circuitry to meet their heavy lifting equipment servicing requirements and OSHA standards.

The expanded office interior matches the existing building's finishes, with clear birch interior doors and trim, acoustical ceilings, bordered carpets throughout the professional office spaces, and modern Internet and data cabling.

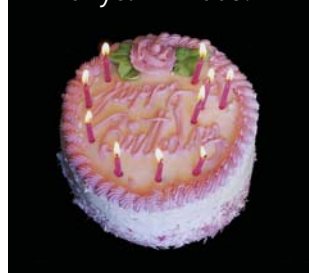
Maple-Leaf Construction is proud to have been chosen by such an industry heavyweight. Should your firm be looking for a construction manager to take the load off on your next project, feel free to give Maple-Leaf a call at 603-882-7498.

A Little Bit Of History

As our newsletter mailing list grows, we thought that the Spring issue would be an ideal time to bring some of our newer readers up to date on Maple-Leaf's history and capabilities.

Founded in 1964, Maple-Leaf Construction Co., Inc. is celebrating its 44th year in 2008. Our ever-growing list of satisfied clients allows Maple-Leaf to serve the industrial, commercial, and retail sectors as general contractors, construction managers, and design/builders.

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Since 1972, Maple-Leaf has occupied its 10,800-square-foot corporate headquarters on Congress Street in Nashua, N.H.

We employ the industry's most advanced technology, utilizing Timberline software in both our estimating and accounting departments, AutoCAD architectural drafting software and Microsoft Project scheduling software. And, as an Authorized Builder with Butler Manufacturing, the leader in pre-engineered building systems, we're able to take advantage of Butler's Advantage Software for pricing and design.

Maple-Leaf Construction is a New Hampshire corporation, and is also registered and enjoys foreign corporate status in Maine, Massachusetts and Vermont.

Maple-Leaf works under many contract arrangements, including fixed price, construction management and design/build to suit our clients' needs.



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COMPANY INC.**

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