

DM Berg Consultants, P.C.

Spring 2001



Photo by Jacoby Photography

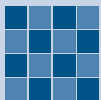
*Thayer Memorial Library
Lancaster, Massachusetts
Architect: CBT, Inc.*

DM BERG CONSULTANTS, P.C. is a structural engineering firm providing services for both public and private-sector clientele. Our business focus is:

- Building designs for new construction
- Analyses, forensics, and report writing
- Rehabilitation and restoration for existing buildings and parking structures
- Envelope and weatherproofing designs for new and existing building roofing and cladding systems

Project Types

Assembly	Industrial
Civic	Institutional
Commercial	Parking Garages
Educational	Residential
Healthcare	Retail
Hospitality	Specialty



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Launch of our New Corporate Website www.dmberg.com

By the time you read this, our new corporate website will be up and running. The redesign was implemented to streamline our page, make it more informative, increase the exposure of our projects and services, provide contact

information for each of our employees, and provide a comprehensive list of internet links for use by our employees and visitors to our website.

The most obvious change to our website is the ease of navigation. Each individual page is accessible from anywhere in the site. This should save the user significant time in acquiring the information they need from a specific page without the hassle of multiple "click-throughs."

Users will also find a comprehensive listing of corporate services and project types. Featured

projects will include pictures and details that made that design unique.

The current and previous versions of this quarterly publication, as well as project sheets and other news items will be downloadable from the website in the Adobe Acrobat reader .pdf format.

As time progresses and more and more clients become accustomed to the internet, email, and file transfers, we will look to upgrade the site to provide project specific secure pages, downloadable project sheets, resumes, and other marketing data.

Because our clients and others within the building industry will use our website, we gladly welcome any feedback on the use of the site.

You will find us on the internet at
<http://www.dmberg.com>

The Role of Production Manager

by Dana Dewey and Tom Ball

At DM Berg Consultants, P.C., the role of "Production Manager" requires a high level of knowledge and experience that seems to be unique to the structural engineering field. Other structural consultants with similar positions might call these individuals job captains, project managers, team leaders, or something along these lines. The similarity ends abruptly with the job title.

Typically, the project "engineer" will oversee the production of drawings, coordination with the architect and/or client, and other consultants as required to produce a competent set of contract drawings and specifications. The project "engineer" is also responsible for the review of structural shop drawings and communications directly with the general contractor during the bidding and construction phases of a project.

However, at DMBC, we employ "Production Managers" to fill this important role. These individuals possess at least an Associates Degree in an industry-related field and over 15 years experience as structural drafters and project coordinators. Our production managers are

capable of complete coordination of a project. Their responsibilities include, but are not limited to: attending job meetings, in-house project staffing, and working directly with the architect and/or client, outside consultants, steel fabricators, and contractors throughout the entire cycle of the project. During the bidding, shop drawing, and construction phases of a project, these individuals are used to essentially "screen" the calls that would not have to pass through to the project engineer. By answering questions other than design related issues, our production managers allow the engineers to concentrate primarily on their specialty, "structural design".

The ultimate goal of a production manager is to be an ally to the architect and/or client and make the project run smoothly with fewer addenda issues. This is accomplished with improved coordination and communication among the architect and/or client, outside consultants, steel fabricators, contractors, and DM Berg Consultants, P.C.

**BROOKSBY VILLAGE
PEABODY, MASSACHUSETTS**

**THOMAS G. HEGER, P.E.
VICE PRESIDENT**

by Thomas G. Heger, P.E., Vice President



Photo courtesy of FAMM Steel

Brooksby Village is a retirement community made up of three residential neighborhoods. Each neighborhood has up to four mid-rise residential buildings linked by enclosed walkways to a centralized community building. Pedestrian bridges will link each neighborhood. Total project area is approximately 1,660,000 square feet.

3½-inch deep concrete on metal deck on composite steel joists and joist girders were used to frame the typical floors. Due to the 9'-4" floor-to-floor height, all steel floor framing was limited to a maximum depth of 12-inches. The roofs are framed with prefabricated wood trusses. Inverted V-type steel bracing was used to resist lateral loads at the residential buildings and light gauge steel-framed shear walls were used at the two-story community buildings. All buildings have conventional, shallow, spread footings founded on dynamically compacted soil bearing strata.

Currently within Neighborhood 1, Community Building 1 and Residential Buildings 1 and 2 are fully completed and Residential Building 3 is structurally complete. Residential Building 4 is in the early stages of construction. Design of the Neighborhood 2 buildings is ongoing.

Mr. Heger became a principal of DMBC in January 2000. Previously, he served as an Associate with the firm. Mr. Heger has been the project manager for numerous designs, renovations, and existing building investigations. Additionally, Mr. Heger is the supervising engineer for all of DMBC's building envelope design and investigations for new and existing construction. He also has expertise in forensic investigation projects.

Mr. Heger received his Bachelor and Master of Science degrees from Northeastern University's School of Engineering. Mr. Heger has 18 years of experience in the field of structural engineering. He is licensed in Massachusetts and Michigan. He is currently working towards being licensed in all of the New England States.

In addition to the Brooksby Village project featured to the left, the following projects were managed by Mr. Heger:

Framingham General Cinema

Architect: Luchetti Architects, Inc.

Hopkinton High School, Hopkinton, MA

Architect: The Design Partnership of Cambridge, Inc.

Longmeadow Place Assisted Living Facility

Architect: The Architectural Team, Inc.

In his spare time, Tom enjoys family, home renovation projects, skiing, and golfing.

*Brooksby Village
Peabody, Massachusetts*

Owner:
*Erickson Retirement
Communities*

Architect:
Steffian Bradley Associates

General Contractor:
Beaver Builders

Residential Units: 1,345

Total Square Footage:
*Residential - 1,540,000
Community - 120,000*

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Congratulations to **Radu Urma, P.E., S.E.**, who was recently promoted to Associate.

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This years company winter excursion was a weekend trip to **Waterville Valley, New Hampshire**. Everyone made it back in one piece!

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Brooksby Village, Peabody, Massachusetts

In Construction Photographs courtesy of FAMM Steel, Steel Fabricator/Erector for buildings shown.

DMBC, P.C. strives to create a working atmosphere where, through mutual cooperation and respect amongst staff and clients, the process of designing vertical structures can be carried out with efficiency for all concerned including owners, developers, other clients, and end users.