

DM Berg Consultants, P.C.

Winter/Spring 2007

Serving the industry since 1963, DM Berg Consultants, P.C. is a consulting structural engineering firm specializing in building analysis and design. For the past four decades, we have focused on the practice of providing sound, efficient engineering solutions and interactive client service; those remain our goals today.

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CIVIC

Libraries, Town Halls, and Maintenance Facilities

COMMERCIAL

Offices and Manufacturing

EDUCATIONAL

PK-12, Colleges, and Universities

ENTERTAINMENT

Cinemas and Theaters

HEALTHCARE

Hospitals, Nursing Homes, and Assisted Living Facilities

HOSPITALITY

Hotels and Convention Centers

INSTITUTIONAL

Prisons, Court Houses, and Police/Fire-Fighting Facilities

PARKING GARAGES

Stand-Alone, Attached Above-Grade, and Below-Grade

RESIDENTIAL

Multi-Family Apartments and Condominiums

RETAIL

Restaurants, Stores, Malls, and Supermarkets

On the Boards

Avalon at Hathorne Hill - Kirkbride Building Danvers, Massachusetts



This project consists of extensive rehabilitation of the historic Kirkbride Building. As the centerpiece to the overall community, the Kirkbride Building will provide apartments, a health club, outdoor swimming pool, common lounge, and a half-sized basketball court.

Owner: AvalonBay Communities, Inc.

Avalon at Lexington Hills Lexington, Massachusetts



This project consists of the redevelopment of the former Metropolitan State Hospital into a 387-unit apartment community.

Owner: AvalonBay Communities, Inc.



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ON THE BOARDS

The new **Patriot Place Cinema** near the Gillette Stadium in Foxborough, MA with spg³ of Philadelphia; Structural Tests and Inspections Administration Services for **Bass Pro Shops** in Foxborough, MA with Casco of New Jersey; Structural investigation of the **York Jail** in Springfield for the possible reuse of the facility with Arrowstreet Inc.; the new **C.E.I. Boston Headquarters** in Norfolk, MA; and **74-76 Green Street** in Brookline, MA, two new 3-story wood framed buildings on top of below grade parking with CYMA 2, Inc.

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To read past issues, visit our website at www.dmberg.com and click on **News**.

Feature Article Staff Profile

Testing and Certification of Fire Escapes in the Commonwealth of Massachusetts

**Thomas E. Ball
Production Manager**

The Commonwealth of Massachusetts State Building Code (780 CMR) Chapter 10, Section 1028.3 requires structural certification of exterior fire escapes and egress balconies every five (5) years.

"All exterior bridges, steel or wooden stairways, fire escapes and egress balconies shall be examined and/or tested, and certified for structural adequacy and safety every five years, by a Massachusetts registered professional engineer, or others qualified and acceptable to the building official; said engineer or others shall then submit an affidavit to the building official."



DMBC can provide building owners with peace of mind. We offer complete examinations of exterior egress and fire escapes in full compliance with the above code requirements. Our detailed report includes a complete description, maintenance issues, repair details and information

along with future maintenance recommendations. Our structural expertise provides building owners with practical, detailed drawings for necessary repairs.

We follow up after the noted repairs have been completed and issue a notarized affidavit to the building official.

We can, for your convenience, database and schedule future examinations. Call or email us to schedule an appointment before your exterior egress and fire escapes become a costly problem. ■

Tom is a dedicated employee who has been with DMBC for almost 20 years. He has a degree in Architectural Technology and has grown with the company, beginning as a board draftsman.



With the development of computer-aided drafting, he took the initiative to learn AutoCad and his knowledge has evolved significantly throughout the years. He has held positions as Staff Cad Drafter and shortly thereafter attained the position as Senior Cad Drafter.

In Tom's current role as Production Manager, he is responsible for attending project 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.

Most recently, Tom played a prominent role in the investigation of several area concrete bridges under existing structures along the Massachusetts Turnpike.

In addition to his role as Production Manager, Tom has taken on the additional responsibility of performing investigative fire escape inspections as required (refer to the article on the left). Please feel free to call Tom if you require an inspection to be done.

In his spare time, Tom enjoys golfing, home improvement projects, and blacksmithing.

Tom is also a licensed Construction Supervisor and a registered Home Improvement Contractor.