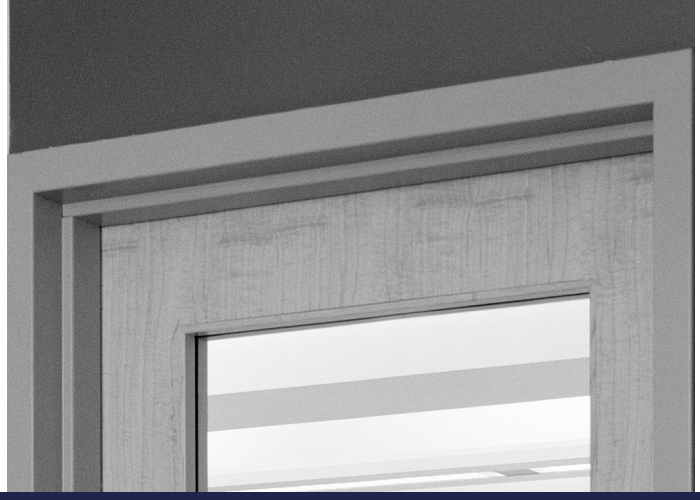


Prepared for
Massachusetts School Building Authority

Turner K-12 Education

TURNER CONSTRUCTION COMPANY

Firm Name:	Turner Construction Company
Principle Office:	375 Hudson Street New York, NY 10014
Contact Office:	2 Seaport Lane Boston, MA 02210
Years in Business:	107 Years (Founded 1902)
Years in Business, MA:	100 Years (Founded 1909)
Size:	5,400+ employees Nationwide 200+ employees in Boston
Organization Type:	Corporation
Branch Offices:	46

Turner Construction Company is a corporation that is a wholly owned subsidiary of The Turner Corporation. The Turner Corporation is a wholly owned subsidiary of Hochtief USA, Inc. Hochtief USA, Inc. is a wholly owned subsidiary of Hochtief AG whose shares are publicly traded on the Frankfurt Germany Exchange.

Henry C. Turner founded Turner Construction Company in 1902. Within a decade, through the use of the then-new technology of reinforced concrete, Turner helped change the way a new generation of American buildings were constructed.

Turner Construction Company is proud of its history and corporate culture that has lead to its prominent position in this industry where we are identified as an innovative service provider that is dedicated to their clients and achieving the highest performance standards. Turner was incorporated in New York and for over a century, has been busy building America. Since our inception, when we pioneered the practical use of the concept of “reinforced concrete” design, Turner has grown dramatically. Today, we are an $8 billion corporation with 46 offices across the United States, over 5,400 employees nationwide and overseas in six countries.

Henry C. Turner continued his active direction of the company as President and Chairman of the Board until his retirement in 1946. Now under the direction of **Peter J. Davoren, President and Chief Executive Officer**, Turner Construction Company has shown remarkable growth.

Turner

Our local office is directed by **General Manager & Senior Vice President, Charlie Buuck.**

The New England region has been a key area of business for the company. Our first project in New England was performed in 1909 for Harvard University, renovating Harvard Stadium with the addition of its Colonnade. We have since become the leader in providing preconstruction, construction management and general building services from our New England Office to clients in Maine, New Hampshire, Vermont, Rhode Island and Massachusetts.

Turner's full-service estimating and value engineering capabilities are above and beyond the best and most thorough services available in the New England area. Turner offers the utmost assurance of predictability throughout the life of a project along with our staff's commitment to accurately monitor and control the cost. Time and quality in all phases of construction are measured best by our performance record and the high level of satisfaction generated from former clients.

Typically our services fall into one or a combination of:

- Preconstruction Consulting
- Project Management
- Construction Management
- General Construction
- Building Maintenance

Turner delivers its services in a number of different ways each dependent upon the needs and expertise of its clients. Regardless of the type of service provided, you can be sure of the quality and professionalism of its staff. Turner is very much at ease providing pre-construction consulting to a client with extensive in-house resources or assuming the total responsibility of design (as part of a team), construction and maintenance of a client's facility.

Turner Construction Company brings an unmatched resource to every project - a staff of experienced, superbly-trained, extremely dedicated personnel, who represent not only our greatest asset, but who are the bedrock upon which our own growth has been constructed.

RELEVANT EXPERIENCE

NEWTON NORTH & SOUTH HIGH SCHOOLS, Newton, MA
The new Newton North High School, currently in construction, will be a 400,000 sq. ft. building to hold 1,850 high school students. Some design features include a new outdoor stadium, an indoor swimming pool, state-of-the-art vocational education work-shops, a glass-walled cafeteria, a restaurant, and an architecturally trendy zig-zag shape.

BOURNEDALE ELEMENTARY SCHOOL, Bourne, MA
This project for the town of Bourne was a 68,200 sq. ft. 2 story elementary school and early childhood center. The school was built to support 660 students, with a total of 24 classrooms. The project also included a cafetorium, a half-size gymnasium, media center, computer lab, tutorial rooms, an art room with a kiln, and a full kitchen and server. The project included extensive site work development as well as construction of an access road from route 6A (scenic highway) to the site.

NEW WELLESLEY HIGH SCHOOL, Wellesley, MA
The project is a new 280,000 sq. ft. High School to be built in the parking lot of the existing school for 1,600 students. The project consists of demolition of the existing 235,000 sq. ft. school and construction of new parking at the location. The school will include classrooms, laboratories, libraries, kitchen, cafeteria, gymnasium, auditorium, and offices.

FAIRFIELD WARDE HIGH SCHOOL, Fairfield, Connecticut
Fairfield Warde High School is a $31 million, three phase project, consisting of 30,000-sq. ft of new additions and 324,000-sq. ft of renovations. The renovations include existing classrooms, kitchen, gym, auditorium and other support areas. New HVAC, electrical service, lighting and finishes were installed as well. Finishes include new ceilings, floors, millwork, lab casework, painting and lockers. The majority of the building is a one story structure with one classroom wing being two story. A new elevator will be added at the two story classroom wing.

DENNIS YARMOUTH SCHOOLS, South Yarmouth, MA
The Towns of Dennis & Yarmouth have undertaken the phased renovation of the 224,000 sq. ft. high school with significant site improvements. Additionally, the Owner installed twenty modular classrooms to facilitate the construction and deal with overcrowding.

ACTON BOXBOROUGH REGIONAL HIGH SCHOOL, Acton, MA
The Acton Boxborough Regional High School has recently undergone extensive renovations and additions to its existing facilities. This multi-phased project included a new 275,000 sq. ft. classroom wing, all new infrastructure and finishes to the gym, cafeteria, classrooms and auditorium as well as an upgrade to the MEP systems. Selected structures were demolished next to occupied classrooms without incident. Each phase of this project was turned over on time and within budget.

RELEVANT EXPERIENCE

OLD HAMMONDTOWN & CENTER SCHOOLS, Mattapoisett, MA
The Town of Mattapoisett recently expanded and renovated two elementary schools. The first, Old Hammondtown was occupied during its phased construction. The scope of the project included 65,000 sq. ft. of renovations as well as a 25,000 sq. ft. addition to expand classroom, library and gym space. The second, Center School, is an 85,000 sq. ft. unoccupied building. An historic clock tower was incorporated into the building.

GROTON-DUNSTABLE SCHOOL, Groton, MA
The Groton-Dunstable Regional School District recently completed a new 168,000 sq. ft. high school and renovated an existing 100,000 sq. ft. high school for use as a middle school. The projects were managed consecutively. The high school site contained significant environmental features including wetlands and rare species' habitats. Major athletic fields were built for the high school as well. The new high school was occupied in September 2003 and the middle school in September 2004.

SEYMOUR HIGH SCHOOL, Seymour, CT
The $17 million renovation and addition to the high school. The 36,000-sq. ft. new addition includes a new science wing addition and a new administration wing addition. Renovations to the existing building affect approximately 40,000 sq ft of certain portions of the existing space.

PEMBROKE SCHOOL, Pembroke, MA
The Town of Pembroke has completed the procurement of two facilities to be used for their new middle school and high school. The middle school project was a renovation of a 92,000 sq. ft. vacant building. The existing high school will be an occupied renovation and a 200,000 sq. ft. classroom addition. A wastewater treatment facility will also be built on the site as part of this project.

TOWN OF CHELMSFORD SCHOOL REHABILITATION, Chelmsford, MA
The town of Chelmsford hired Turner to manage 31 million of improvements to the high school and two middle schools. We received extra to provide commissioning services to write an HVAC commissioning plan and develop performance testing criteria.

NEW PLAINFIELD HIGH SCHOOL, Plainfield, CT
A new 170,000-sq. ft. high school for grades 9 through 12. The building is made up of low rise steel and masonry building. Included in the scope is demolition of the existing high school and adding an additional five athletic fields and minor modifications of three existing fields. The exterior is brick veneer with sloped and flat roofs. The new building includes an auditorium, gymnasium, cafeteria with full service kitchen, tech-ed lab, robotics lab, and associated classrooms for a typical modern high school.

Virtual Technologies Group (VTg)

"In support of our core business, the traditional processes of every phase of construction will be analyzed and improved upon through the use of new technologies and innovative thinking."

Boston's Virtual Technologies Group has brought the benefits of Building Information Modeling (BIM) and other innovative technologies to over $2 billion worth of work locally. Owners, design teams, Turner, and subcontractors have all realized these benefits, including:

- Increased accuracy of coordination
- Higher quality installation
- Easier maintainability of spaces
- Accurate as-builts of existing systems
- Reduced costs
- Increased productivity
- Reduced on-site manpower
- Clearer communication of plans
- Reduced waste
- Increased safety

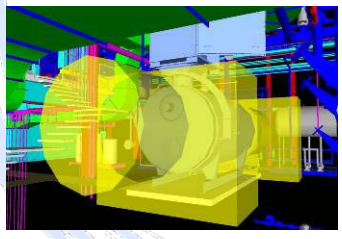
VTg Room – 2 Seaport Lane, Boston, MA

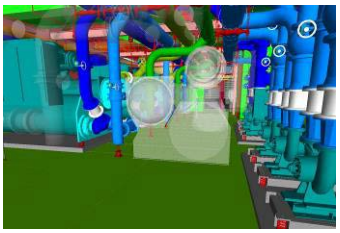
We have in-house coordinators who utilize BIM tools to develop the architectural and structural backgrounds and to coordinate MEP, Architectural and Structural systems of the project.

We have built relationships with modelers around the globe, which enables us to supplement our team when required to build Architectural and Structural models around the clock.

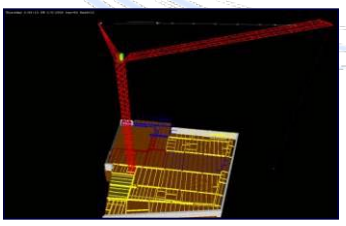
Below, we have identified many areas where these technologies can be utilized throughout the building process.

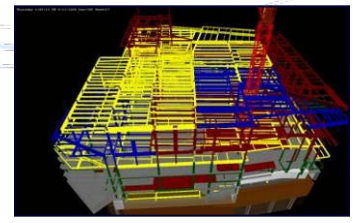
⇨ ***3D MEP Coordination*** allows the entire project team to collaboratively develop the most cost effective system layout while ensuring long term operability.

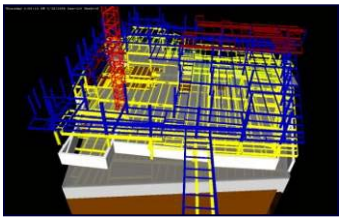


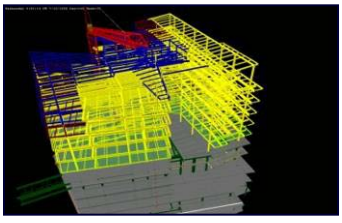


⇨ ***4D Scheduling / Simulation*** links the project schedule with the 3D model to validate and communicate the team's project plan. This is done both at a macro level to illustrate the construction sequence of the excavation, structure, building envelope, and at a micro level to validate sequencing within complex machine rooms.





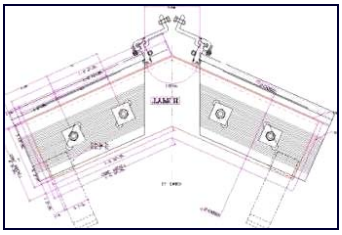
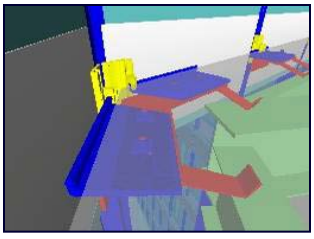




VTg Virtual Technologies Group

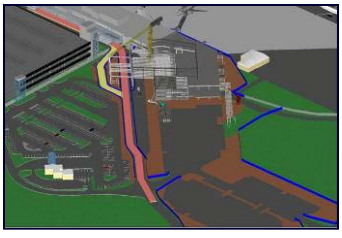
Virtual Technologies Group (VTg)

- ***System Coordination*** of key engineering components will increase quality and reduce costs.

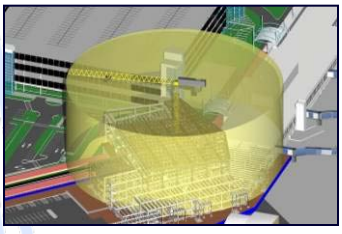
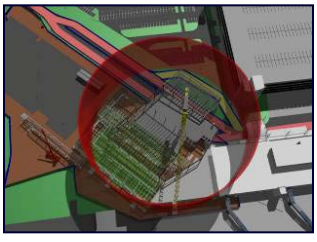



- ***3D Digital Mock-ups*** will be created to allow the project team to visualize final product.

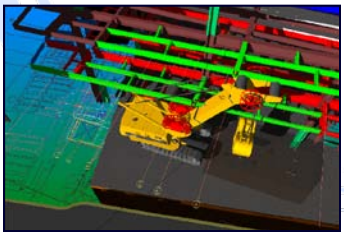

- ***Site Logistics Plans*** communicate to the owners, subcontractors and the neighboring community strategies to minimize construction impact and increase efficiency.



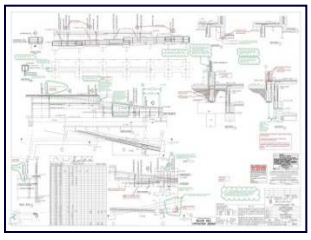

- ***Safety Strategies*** are studied and communicated to reduce incidents.

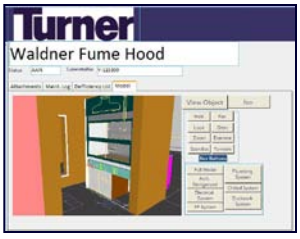



- ***Construction Component Coordination*** integrates construction means and methods with design to minimize cost.



By coupling the Electronic Engineering Process with the Virtual Building Process, we are able to deliver integrated, user friendly Turnover Packages.



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