

COLLEGE AND UNIVERSITY PROJECTS

	<u>Completion Status</u>
<p><u>DARTMOUTH COLLEGE VISUAL ARTS CENTER</u> <i>Hanover, NH</i> \$52M, 100,000 SF, new Visual Arts Center which features production studios for Film and TV; teaching studios for Sculpture, Printmaking, Drawing, Painting, Photography, Senior Studios, and Architecture; classrooms, exhibition space, screening rooms, a 225 seat auditorium/theater for film projection, and faculty and administrative offices. Mechanical systems include: 100% outside air systems with combined exhaust and enthalpy heat recovery, specialized exhaust systems, dilution ventilation, and direct ventilation with chilled beam systems. Project will be seeking LEED Silver Certification.</p>	<p>C 2011</p>
<p><u>SUFFOLK UNIVERSITY / 73 TREMONT STREET</u> <i>Boston, MA</i> Conversion of office space into 5K SF Cafe and Kitchen on two levels and 35 SF Student Lounge with Student Lounge component on hold.</p>	<p>D 2010</p>
<p><u>TUFTS UNIVERSITY</u> <i>Medford, MA</i> Creation of M&E Building Standards for use by the university to advise engineers of the university's standards on construction projects.</p>	<p>D 2010</p>
<p><u>TUFTS UNIVERSITY ADMINISTRATION BUILDING</u> <i>Medford, MA</i> Various renovations and upgrades within an overall 40,000 gsf building affecting 30,000 gsf.</p>	<p>C 2010</p>
<p><u>BERKLEE COLLEGE OF MUSIC</u> <i>Boston, MA</i> Adaptive reuse of an existing 20,000 SF community health center into a classroom building with eight (8) music classrooms.</p>	<p>2010</p>
<p><u>SUFFOLK UNIVERSITY</u> <i>Boston, MA</i> Revisions to a Cafeteria and Cafes at five locations.</p>	<p>2009</p>
<p><u>EMERSON COLLEGE LITTLE BUILDING</u> <i>Boston, MA</i> Revisions to kitchen, dining, and servery areas in a 13-story, 750 student residence building.</p>	<p>2009</p>
<p><u>TUFTS UNIVERSITY / MAYER CAMPUS CENTER</u> <i>Medford, MA</i> \$2.1M, 28,000 SF HVAC systems replacement. Project to be phased over two summers (2008 and 2009).</p>	<p>2009</p>
<p><u>HARVARD UNIVERSITY PEABODY TERRACE GRADUATE STUDENT RESIDENCES</u> <i>Cambridge, MA</i> Study of HVAC system at six building complex that includes three 22-story towers and low-rise structures. Recommendations were made concerning upgrades and replacement to the HVAC systems as well as system revisions and additions to serve proposed space plan revision. Recommendations regarding operation of the steam system were implemented.</p>	<p>S 2009 C 2009</p>

D – Design in Progress

C – Construction in Progress

S – Study

Date – Occupancy Date

DH – Design on Hold

CH – Construction on Hold

COLLEGE AND UNIVERSITY PROJECTS (Continued)

	Completion Status
<p><u>HARVARD UNIVERSITY SOLDIERS FIELD PARK STUDENT RESIDENCES</u> Boston, MA Study of HVAC system at four building complex to replace defective systems and upgrade other systems followed by design and construction.</p>	2009
<p><u>TUFTS UNIVERSITY PACKARD HALL</u> Medford, MA \$5M complete renovation of 12,000 SF administrative office building.</p>	2009
<p><u>JOHNSON & WALES / NEW STUDENT SERVICES BUILDING</u> Providence, RI \$8.8M complete renovation of former factory building into offices for student administration services, 45,000 SF total; \$2.5M MEP/FP costs.</p>	2008
<p><u>SUFFOLK UNIVERSITY / TV CLASSROOM</u> Boston, MA New 600 SF fully air conditioned teaching facility and local cable TV production studio.</p>	2008
<p><u>BOWDOIN COLLEGE / STUDZINSKI RECITAL HALL</u> Brunswick, ME Adaptive reuse conversion of swimming pool building into 25,000 SF - \$9.2M music facility with 300 seat performance hall with rehearsal room and music practice rooms. Project features a heating and cooling system with two standing column geothermal wells.</p>	2007
<p><u>MIT / FIRING RANGE</u> Cambridge, MA Replacement of supply and return air system to provide enhanced air distribution at the firing lanes.</p>	2007
<p><u>TUFTS UNIVERSITY / THE PERRY AND MARTY GRANOFF MUSIC CENTER</u> Medford, MA \$24M project including 46,000 SF new and 9,000 SF renovation including 300 person Recital Hall and multiple music classrooms (i.e., rehearsal hall, practice room, humidified instrument storage room, music library) and faculty offices; \$6.4M MEP/FP costs.</p>	2007
<p><u>HARVARD UNIVERSITY ALLSTON DEVELOPMENT GROUP</u> Cambridge, MA Various small projects.</p>	2007
<p><u>ROGER WILLIAMS UNIVERSITY / MAIN DINING HALL</u> Bristol, RI \$10.8M, 40,000 SF new dining hall and bookstore</p>	2006
<p><u>SUFFOLK UNIVERSITY / MILDRED SAWYER LIBRARY</u> Boston, MA Renovation of three floors and 70,000 SF of office space in a commercial office building into library space including revisions to the building HVAC system infrastructure as well as the complete replacement of all on-floor systems other than the perimeter systems.</p>	2006
<p><u>HARVARD UNIVERSITY PAYNE HALL MUSIC PRACTICE AND EDITING ROOM</u> Cambridge, MA 5,000 SF renovation including the addition of a new VAV air handling unit system designed specifically to meet the acoustical needs of the spaces served.</p>	2006

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COLLEGE AND UNIVERSITY PROJECTS (Continued)

Completion Status

HARVARD UNIVERSITY / PAINE HALL

2006

Cambridge, MA

\$1.1M, 2,000 SF renovation to an existing 75+ year old Harvard Building to support four newly created studios for Electro-Acoustic Composition (EAC).

BERKLEE COLLEGE OF MUSIC

2005

Boston, MA

New fire alarm and sprinkler system for 150,000 SF dormitory and classroom facility.

WILLIAMS COLLEGE / THEATER AND DANCE PERFORMING ARTS FACILITY

2005

Williamstown, MA

New \$40M project including new 106,000 GSF facility with 550 seat and 200 seat theaters and renovations to existing 20,500 GSF facility with revision of 450 seat to 250 seat theater. Also included an 80,000 gsf, 240 car parking garage.

STONEHILL COLLEGE ATHLETIC FIELD LIGHTING

2004

Easton, MA

\$3.5M project to construct a new Athletic Field including 400 meter track and football field, baseball field, and two (2) soccer fields. Sports lighting will be provided for the Athletic Field and Soccer Field.

BOSTON UNIVERSITY / HILLEL HOUSE

2004

Boston, MA

New 35,000 SF Jewish Student Center.

SIMONS ROCK COLLEGE OF BARD DANIEL PERFORMING AND VISUAL ARTS CENTER

2004

Great Barrington MA

\$16.5M, 53,000 GSF new private high school/college facility with 350 seat theater, 100 seat Black Box Theater, Dance Hall, Classrooms, Visual Arts - Photography, Ceramics, Wood and Metal Working. Visual Arts combined exhaust system with heat recovery serving major photography and print making studios. Separate shop building with ceramics, welding, and sculptures.

UNIVERSITY OF MASSACHUSETTS - BOSTON CAMPUS STUDENT CENTER, DINING FACILITY AND PARKING GARAGE

2004

MASS. STATE PROJECT

Boston, MA

New \$75M - 331,000 GSF student Campus Center with dining facility including 96,000 GSF of parking. This building is the central gathering area for the entire campus.

PRINCETON UNIVERSITY / ANDLINGER CENTER FOR THE HUMANITIES

2004

Princeton, NJ

\$32.8M renovation/restoration/addition of 1870 and 1890 East Pyne Building and Chancellor Green; 107,000 SF; \$7.5M mechanical and electrical.

HARVARD UNIVERSITY/KENNEDY SCHOOL OF GOVERNMENT

2003

Cambridge, MA

Multiple small renovation projects.

2002

2001

BRIDGEWATER STATE COLLEGE / FIELD HOUSE

2002

Bridgewater, MA

New \$12M - two-story, 84,600 SF field house will provide multipurpose space for a NCAA basketball court and seating for 1,100 spectators; a cardiovascular-weight room; training rooms; classrooms; two lavatories, administrative space, and parking for approximately 120 cars.

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COLLEGE AND UNIVERSITY PROJECTS (Continued)

BENTLEY COLLEGE / STUDENT CENTER

Waltham, MA

New \$17M - 70,000 SF student center with 600 seat dining facility.

**Completion
Status**

2002

UNIVERSITY OF MASSACHUSETTS DARTMOUTH VISUAL ARTS CENTER AND BRISTOL COMMUNITY COLLEGE CLASSROOMS

New Bedford, MA

\$14M complete renovations to 110,000 SF five (5) story building (formerly a department store) to create UMass Dartmouth visual arts center with classroom and studio space for Ceramics, Metals, Fibers, Sculpture, Printing and Painting as well as classroom space for Bristol Community College. Extensive mechanical systems are included for dust collection, specialized exhaust, welding, woodworking, paint spraying, kilns and other processes. Variable air and constant volume combined fume hood and general exhaust systems were included.

2001

WIDENER COLLEGE BUSINESS SCHOOL

Chester, PA

New \$7M - 35,000 SF classroom and computer room facility.

**Schematic
Design Only**

2001

DAVENPORT COMMONS

Boston, MA

\$29M, 187,000 SF suite style student housing in two (2) 6 level buildings for 600 students for Northeastern University. Also included are 60 market rate and affordable rate condominiums and 15 low income residential units with the low income units located on a separate site. This project was constructed by a developer with a lease back to the University.

2001

NORTHEASTERN UNIVERSITY – DORMITORIES B & C

Boston, MA

\$25.0M - 165,000 SF - 600 student residence in two (2) 7 level buildings with suite style rooms.

2000

BEREN TENNIS PAVILION – HARVARD UNIVERSITY

Boston, MA

3,500 SF building with locker shower facilities and lighting of turf fields.

2000

UNIVERSITY OF MASSACHUSETTS ANIMAL CARE FACILITY

Amherst, MA

\$4.5M - 13,500 SF addition and 14,000 SF renovation to animal care facilities and laboratories. Multi-phased project including one new building and two existing buildings.

2000

NORTHEASTERN UNIVERSITY WEST VILLAGE RESIDENCE HALL

Boston, MA

\$26.5M - 220,000 SF - 600 student residence hall in a thirteen level building with suite style rooms.

1999

UNIVERSITY OF MASSACHUSETTS COMPUTER CENTER

Amherst, MA

\$9.2M - 79,000 SF new computer center including classrooms, offices and computer laboratories. (Design Build Project)

1999

PRINCETON UNIVERSITY / SCULLY HALL

Princeton, NJ

90,000 SF, \$15.9M new dormitory. Recipient of the Boston Society of Architects Honor Award for Design Excellence 2000.

1999

BABSON COLLEGE HOLLISTER HALL

Wellesley, MA

Complete renovation to 40,000 GSF and 2,500 GSF addition - \$3.5M project.

1998

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COLLEGE AND UNIVERSITY PROJECTS (Continued)

Completion Status

PINE MANOR COLLEGE / STUDENT CENTER

Brookline, MA

\$3.0M - new 15,000 SF student center.

1998

BABSON COLLEGE / STUDENT CENTER, DINING FACILITY, PERFORMING ARTS THEATRE AND CHAPEL

Wellesley, MA

\$11.1M - new 38,600 SF student center, 19,200 SF theater and separate \$2M - 5,100 SF campus chapel.

1997

WENTWORTH INSTITUTE OF TECHNOLOGY

Boston, MA

Primary electric service upgrade.

1997

SPRING HILL COLLEGE

Mobil, AL

48,000 SF student recreation center addition including swimming pools, gymnasium, locker/showers, racquetball courts and fitness areas.

1997

BARTON COLLEGE

Wilson, NC

24,000 SF student recreation center addition including swimming pool, gymnasium and fitness area.

1997

MIT / SCHOOL OF ARCHITECTURE

Cambridge, MA

Phased \$3M renovation.

PH IV - 1997
 PH II - 1996
 PH I - 1995

BERKLEE COLLEGE OF MUSIC

Boston, MA

\$8.0M complete renovation and addition to 50,000 SF at 921 and 925 Boylston Street and \$1.6 million selective renovation to 42,000 SF of total 196,000 SF at 150 Massachusetts Avenue. Spaces include performance as well as major rehearsal rooms and production rooms.

1997

1996

1995

BOWDOIN COLLEGE DORMITORY

Brunswick, ME

Two dormitories totaling 30,000 SF for 100 students. \$3.3M.

1996

HARVARD UNIVERSITY / HARKNESS COMMON DINING

Cambridge, MA

\$1M in renovations to kitchen-dining facility.

1996

MIT / SENIOR HOUSE DORMITORY

Cambridge, MA

\$9M complete renovation of 65,000 SF four-story dormitory.

1996

HARVARD UNIVERSITY / BUSINESS SCHOOL UNDERGROUND CONNECTOR

Boston, MA

New underground connector and entry serving two existing buildings.

1996

ALFRED UNIVERSITY / MILLER PERFORMING ARTS CENTER

Alfred, NY

\$5.0M - 30,000 SF new facility.

1996

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COLLEGE AND UNIVERSITY PROJECTS (Continued)

Completion Status

HARVARD UNIVERSITY HEALTH SERVICES PHASE 1, 2, and 3

Cambridge, MA

Extensive renovations to mechanical systems serving 78,000 SF of space at the Holyoke Center on seven levels including outpatient, clinical and in-patient spaces.

1997
1996
1994

REGGIE LEWIS STATE TRACK FACILITY

MASS. PROJECT EJ92-4

Boston, MA

New 125,000 SF - \$15M athletic facility with 75,000 SF, 3,000 person track facility, 500 seat gymnasium, weight, exercise and dance rooms, locker/shower facilities and administrative offices. Facility serves as Massachusetts School Track Facility and Roxbury Community College Gymnasium.

1995

HARVARD UNIVERSITY / ANTHROPOLOGY OFFICE AND WORKSHOP

Cambridge, MA

3,000 SF renovation in two buildings.

1995

BERKLEE COLLEGE OF MUSIC

Boston, MA

Study relative to proposed dormitory renovation projects at five buildings totaling 120,000 SF.

DH

BABSON COLLEGE / DINING HALL

Wellesley, MA

\$1.6M renovation to Trim Dining Hall.

1995

EMERSON COLLEGE DORMITORY / DINING HALL - THE LITTLE BUILDING

Boston, MA

\$11M two phase renovation of twelve story office building into dormitory for 750 students with food service, dining and meeting room facilities.

1995

KEENE STATE COLLEGE STUDENT CENTER AND DINING FACILITY

Keene, NH

\$9.3M - 79,000 SF student center and dining facility.

1995

EMERSON COLLEGE / MEDIATED CLASSROOM AND MEDIA CLASSROOMS

Boston, MA

10,000 SF project including the creation of new 120 seat auditorium, media classrooms and addition of central mechanical systems.

1994

HARVARD UNIVERSITY LAW SCHOOL / HAUSER HALL

Cambridge, MA

\$9M faculty office building and lecture halls.

1994

HARVARD UNIVERSITY / MEDICAL SCHOOL OFFICE BUILDING "A"

Boston, MA

\$1.0M and \$0.5M two phase renovation project.

PH II - 1994
PH I - 1993

CASE WESTERN RESERVE UNIVERSITY

Cleveland, OH

\$15M Polymer Research Facility.

1994

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COLLEGE AND UNIVERSITY PROJECTS (Continued)

	Completion Status
<p><u>MERRIMACK COLLEGE</u> North Andover, MA Complete replacement of heating and ventilation system for 30,000 SF classroom building and connection to ice storage system (by others). Project was a design-build. TMP performed a portion of the design, dealing with the replacement of existing system.</p>	1993
<p><u>RUSSELL SAGE DORMITORY</u> Troy, NY \$2.6M - 25,000 SF student housing.</p>	1993
<p><u>BATES COLLEGE DORMITORY</u> Lewiston, Maine \$5M - 43,000 SF student housing for 150 students plus 5,000 SF multipurpose building.</p>	1993
<p><u>HARVARD UNIVERSITY / BOTANIC GARDEN APARTMENTS</u> Cambridge, MA Renovations including plumbing and heating system revisions to existing 120 student and faculty apartments.</p>	1993
<p><u>EMERSON COLLEGE / COMMUNICATIONS - PERFORMING ARTS BUILDING</u> Lawrence, MA \$20M - 140,000 SF facility. Project stopped after completion of schematic design.</p>	PROJECT CANCELLED
<p><u>GORDON COLLEGE / CHAPEL AND AUDITORIUM</u> Wenham, MA \$6M - 45,000 SF new facility including gas air conditioning system.</p>	1993
<p><u>CLARK UNIVERSITY / STUDENT / CONFERENCE CENTER</u> Worcester, MA \$7M addition and renovation including kitchen and dining facilities.</p>	1991
<p><u>HARVARD UNIVERSITY / JEFFERSON LABORATORY</u> Cambridge, MA 3,000 SF renovation to office.</p>	1991
<p><u>HARVARD UNIVERSITY / MEDICAL SCHOOL OFFICE BUILDING "A"</u> Boston, MA \$2.0M renovation.</p>	1990
<p><u>MIT / FACULTY CLUB</u> Cambridge, MA \$1M tenant in-fill.</p>	1989
<p><u>BROWN UNIVERSITY / BIO-MEDICAL / ANIMAL RESEARCH LABORATORY</u> Providence, RI \$11M addition and renovation.</p>	1989
<p><u>HARVARD UNIVERSITY / MEDICAL SCHOOL MONOCLONAL SUITE</u> Boston, MA \$3M.</p>	1988
<p><u>HARVARD UNIVERSITY / GABRIELSE LABORATORY</u> Cambridge, MA \$2.5M magnet research laboratory.</p>	1988

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COLLEGE AND UNIVERSITY PROJECTS (Continued)

	Completion Status
<u>HARVARD UNIVERSITY / MEDICAL SCHOOL COMPUTER ROOM</u> Boston, MA 2,000 SF.	1988
<u>MIT STRATTON STUDENT / CONFERENCE CENTER RENOVATION</u> Cambridge, MA \$7M renovation including kitchen, dining and food court facilities.	1988
<u>GORDON COLLEGE / BOOKSTORE</u> Wenham, MA \$1M addition and renovation.	1988
<u>SPRINGFIELD TECHNICAL COMMUNITY COLLEGE SCIENCE</u> Springfield, MA Science Center/Gymnasium/Auditorium, \$11M, 8 level facility.	1988
<u>BRANDIES UNIVERSITY / ZIV HOUSING</u> Waltham, MA 150 units of student housing.	1987
<u>GORDON COLLEGE / FROST HALL</u> Wenham, MA Renovation of heating system in 25,000 SF administration building.	1987
<u>BRANDEIS UNIVERSITY / BACHRACH LABORATORY</u> Waltham, MA \$2M renovation.	1986
<u>HOLY CROSS COLLEGE / ART EXHIBIT CENTER</u> Worcester, MA \$2M facility.	1985
<u>TUFTS UNIVERSITY SACKLER CENTER FOR HEALTH COMMUNICATIONS</u> Boston, MA 143,000 SF Library/Conference Center/Audio Visual facility with TV Studio - \$15.5 M.	1985
<u>BOSTON UNIVERSITY / SCHOOL OF EDUCATION</u> Boston, MA 100,000 SF renovation of medical clinic to classroom space.	1983
<u>UNITED STATES DEPARTMENT OF AGRICULTURE HUMAN NUTRITION RESEARCH LABORATORY FOR THE STUDY OF AGING AT TUFTS NEW ENGLAND MEDICAL CENTER</u> Boston, MA \$35 million, 16 level multi use facility with biochemical laboratories, major animal housing facility, human volunteer residence rooms and conference center.	1983
<u>BRIDGEWATER STATE COLLEGE</u> Bridgewater, MA 120,000 SF classroom - office - gymnasium for teaching college.	1982
<u>MIT / NEXT HOUSE</u> Cambridge, MA 300 unit student housing.	1982

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COLLEGE AND UNIVERSITY PROJECTS (Continued)

***Completion
Status***

LASELL COLLEGE

Newton, MA
Student Recreation Center

WENTWORTH INSTITUTE OF TECHNOLOGY

Boston, MA
Electrical Site Utilities.

HARVARD UNIVERSITY

Boston, MA
Tech. Product Center

HOLY CROSS COLLEGE

Worcester, MA
Renovations to Kimball Dining Hall and Hogan Student Center.

BOSTON UNIVERSITY

Boston, MA
Renovations to Dining and Kitchen.

HARVARD UNIVERSITY

Cambridge, MA
Emerite Faculty Club Cumnock Hall.

HARVARD MEDICAL SCHOOL

Boston, MA
Building C, C2 and D2 Teaching facility.

HARVARD MEDICAL SCHOOL

Boston, MA
Building E New Teaching facility.

HARVARD UNIVERSITY

Cambridge, MA
Art Gallery Lighting - Fogg Museum.

HARVARD UNIVERSITY

Cambridge, MA
Renovations to Austin Hall, Kresge Faculty Club, Mallencrodt Chemistry Building, Littauer Center and Cumnock Hall Classroom and Audio/Visual Seminar Spaces.

BOSTON COLLEGE

Newton, MA
Science Building, Campion Hall, Campus School and renovation to Devlin Hall, Lyons Hall and Cushing Hall.

UNIVERSITY OF MASSACHUSETTS

Amherst, MA
Polymer Laboratory.

BRIDGEWATER STATE COLLEGE

Bridgewater, MA
Electrical Site Utilities Master Plan.

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COLLEGE AND UNIVERSITY PROJECTS (Continued)

Completion
Status

BRANDEIS UNIVERSITY

Waltham, MA
Berlin Premedical Center.

SOUTHEASTERN MASSACHUSETTS UNIVERSITY (SMU) / DARTMOUTH

(Now UNIVERSITY OF MASSACHUSETTS / DARTMOUTH)
Dartmouth, MA
Science Building addition.

MASSACHUSETTS MARITIME ACADEMY

Commonwealth of MA
Classrooms and Administration Building.

LOWELL TECHNICAL INSTITUTE

Commonwealth of MA
Chemistry and Physics Building.

NORTH ADAMS STATE COLLEGE

Commonwealth of MA
Chemistry and Physics Building.

COLBY COLLEGE

Waterville, ME
Theatre and Miller Library.

BOWDOIN COLLEGE

Brunswick, ME
Library Addition.

**SOUTHEASTERN MASSACHUSETTS TECHNICAL INSTITUTE (SMTI) /
DARTMOUTH**

(Now UNIVERSITY OF MASSACHUSETTS / DARTMOUTH)
Dartmouth, MA
Student Center.

1971

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