



SYSKA HENNESSY  
GROUP



LEADERS IN MEP,  
COMMISSIONING & ICT FOR  
**BOSTON AND  
THE NORTHEAST**

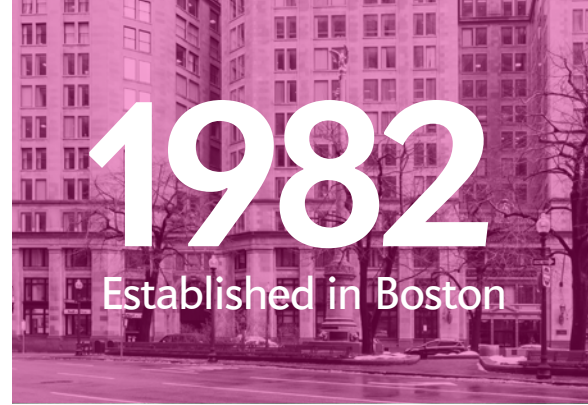


**SYSKA BOSTON** provides full-range, high-performance MEP/FP engineering, vertical transportation, sustainable design and commissioning services for Boston and the surrounding northeast region.

For more than 30 years, Syska Boston has designed complex projects for sectors including mission critical facilities, healthcare, retail, higher education, commercial interiors, government and cultural buildings.

Boston is a center of excellence for Syska in the planning, design and construction of award-winning vertical transportation systems for airports, convention centers, sports complexes, higher education campuses, major healthcare facilities and historic restorations.

We have lasting relationships with clients including Capital One, Cisco, Citizens, MIT, Partners HealthCare, Santander, State Street and ViaSat.





A photograph of the Massachusetts General Hospital and Partners Hospital Group building at dusk. The building features a prominent glass facade that reflects the warm orange and yellow light of the setting sun. The lower portion of the building has a more textured, metallic-looking facade. The sky is a deep blue, and other city buildings are visible in the background.

## Massachusetts General Hospital and Partners Hospital Group

Boston, MA

For more than 10 years, Syska has been providing elevator consulting services to MGH/Partner's Hospital Group, encompassing:

- Analysis and design for Massachusetts General Hospital new 530,000 sf Lunar facility
- Design development and construction specifications for modernization projects including 12 elevators in the Ellison Building, Wellman (Their), Gray and Jackson Buildings
- Analysis, recommendation and construction services to additional buildings in MA General Hospital and MGH East Charlestown
- Redesign of maintenance specifications for the hospitals within the Partners Group



A wide-angle photograph of the MIT Building, a large neoclassical structure with a prominent dome and a portico supported by tall columns. The building is set against a clear blue sky with a few clouds. Lush green trees frame the building on both sides, and a green lawn in the foreground has several people walking and taking photos.

## Massachusetts Institute of Technology

Cambridge, MA

We provided vertical transportation design services for new and existing elevators for more than 15 years across MIT's campus, encompassing:

- Elevator modifications
- Design
- Modernization specification for 20 buildings
- Preventative maintenance specs



## CISCO Data Center Expansion

Boxborough, MA

Syska, who has worked with CISCO on wide variety of projects over a number of years, designed the MEP, fire protection and commissioning services for the expansion of CISCO's data center from 4,000 to 7,400 sf (608 kW) Tier II, which includes:

- New 2500 amp section to feed the UPS and global wrap ATS
- New chilled water line loop
- Upsizing of the existing cold water supply and return lines
- New Leibert CRAH units
- Raised floor



**Santander Corporate Offices**  
Boston, MA



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CRO

Syska provided MEP and fire protection design services for the fit out of new corporate office for 500 employees encompassing offices, open area workspaces, call center and trading space on two separate 30,000 sf floors.

- Completed design and construction within 17 weeks
- New mechanical systems, lighting and controls, and kitchen space





## HPM Partners Data Center

Marlborough, MA

Designed the engineering systems for new 65,000 sf data center, including:

- Chiller yard
- (2) 2000 kW generators
- Utilizing in row cooling solution (IRC's)
- Contains A side and B side UPS and Switchgear



# Cumberland Farms

## Cumberland Farms

Locations throughout  
CT, FL, MA, NH, NY, RI & VT

Provided MEP design for Cumberland Farms' new convenience store prototype to help make their concept more efficient, serviceable and consistent in design and equipment.

- Fully applanced convenience store including coffee, pizza oven, beer coolers, walk-in beer coolers, prepared food serving stations and television-displayed menu boards
- Unique lighting and controls package
- Built in emergency generator
- Prefabricated electrical panels delivered fully configured to site





## Leading Financial Institution Hartford, CT

Syska provided engineering design for the relocation of business groups to a five-story building in Hartford, CT. The 140,000 sf building, which was more than 35 years old and nearly vacant, required extensive upgrading:

- Replaced obsolescent infrastructure equipment including all chillers
- Added cooling tower, boiler plant and updated the heating and cooling distribution systems
- New building management and fire protection systems
- A 24/7 critical facility environment



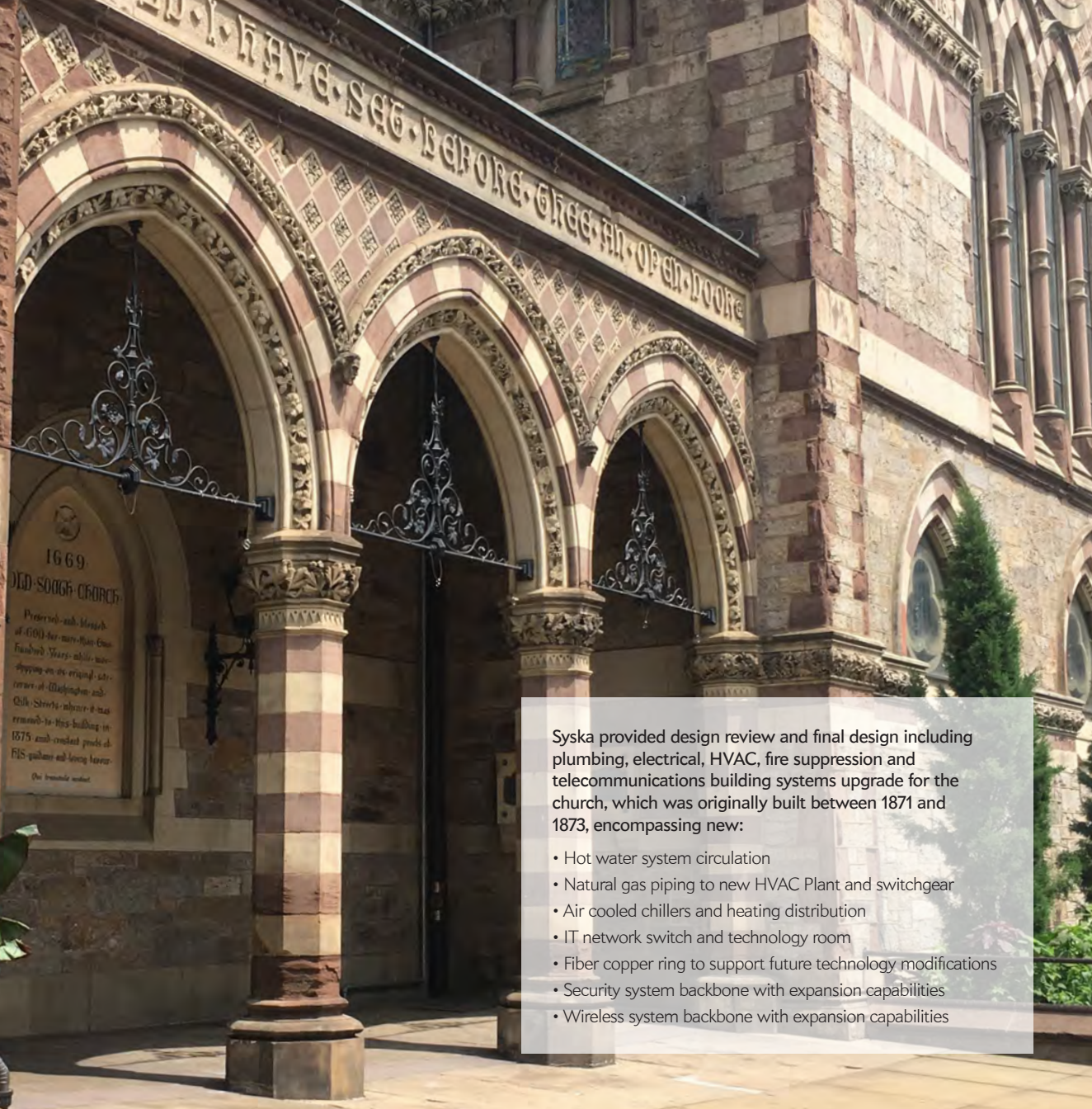
**Provided consulting engineering services for twenty years, encompassing:**

- Telecommunications network upgrade
- Analysis of existing cable plant infrastructure and proposed fiber optic data network
- Value engineering resulting in hundreds of thousands of dollars in annual savings
- A security requirements analysis (SAS) for the 12-story research complex
- Design and engineering of the security command center



## Old South Church

Landmark Building  
Boston, MA



Syska provided design review and final design including plumbing, electrical, HVAC, fire suppression and telecommunications building systems upgrade for the church, which was originally built between 1871 and 1873, encompassing new:

- Hot water system circulation
- Natural gas piping to new HVAC Plant and switchgear
- Air cooled chillers and heating distribution
- IT network switch and technology room
- Fiber copper ring to support future technology modifications
- Security system backbone with expansion capabilities
- Wireless system backbone with expansion capabilities



**TJX Corporate HQ**  
Marlborough, MA

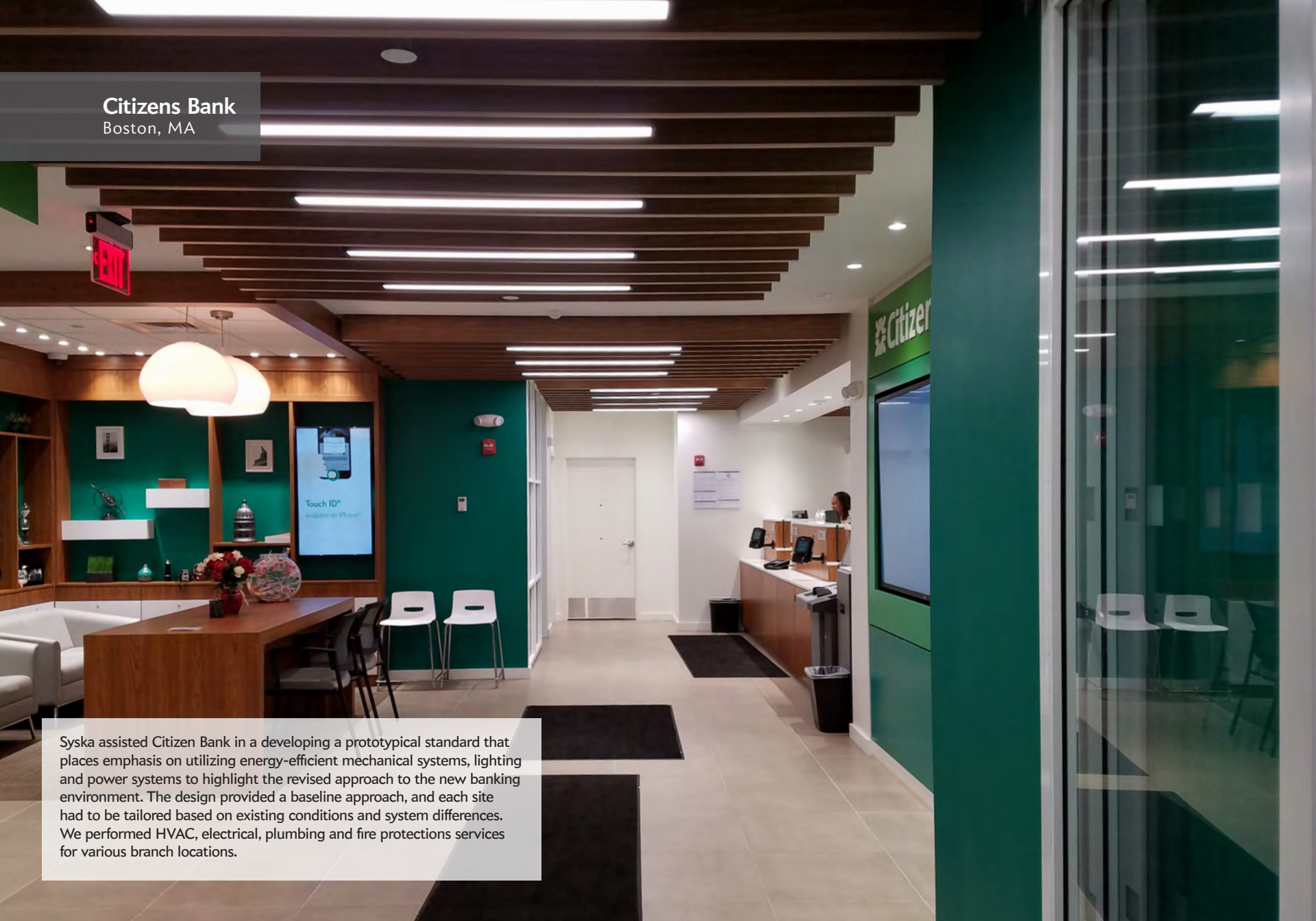
**LEED Silver**

Syska engineered the MEP, fire protection systems and the building management systems for the fit out of two buildings, approximately 700,000 sf in total to support more than 2,000 employees, including Tier III data center, conference spaces, commercial kitchen, as well as print and workshop areas.





## Citizens Bank Boston, MA



Syska assisted Citizen Bank in a developing a prototypical standard that places emphasis on utilizing energy-efficient mechanical systems, lighting and power systems to highlight the revised approach to the new banking environment. The design provided a baseline approach, and each site had to be tailored based on existing conditions and system differences. We performed HVAC, electrical, plumbing and fire protections services for various branch locations.



## ViaSat's Office Renovation

Marlborough, MA

Provided MEP and Fire Systems engineering services for the ViaSat's office space, encompassing offices, meeting rooms, collaboration spaces, a break room, four separate labs, a server room, LED lighting, water efficient facilities, secure labs and collaboration spaces to meet government security requirements.





## SERVICES:

Mechanical

Electrical

Plumbing

Fire Protection

Information &  
Communication Technology

Audiovisual

Security

Fire Life Safety

Building Automation

Commissioning

Facilities Management

Sustainability Engineering

Building Analysis

Modeling & Simulation

Vertical Transportation

Architectural Lighting

Atlanta

Charlotte

Chicago

Dallas

Jacksonville

Los Angeles

Orange County

New Jersey

New York City

Raleigh

Richmond

San Diego

San Francisco

Washington, D.C.

Shanghai

Dubai

**To reach our Boston office, please call 617.577.9900**

For more information, visit us at **[syska.com](http://syska.com)**