

General Electric (GE) Headquarters

6 Necco Street, South Boston

RESILIENCY
SLR, Living Shoreline

SUSTAINABILITY
Green Building

Team:
Owner: General Electric Company (GE)
Architect: Gensler, Boston
MEP: RDK Engineers
Sustainable Consultant: Paladino and Co
Landscape Architect: James Burnett

Status: Under construction



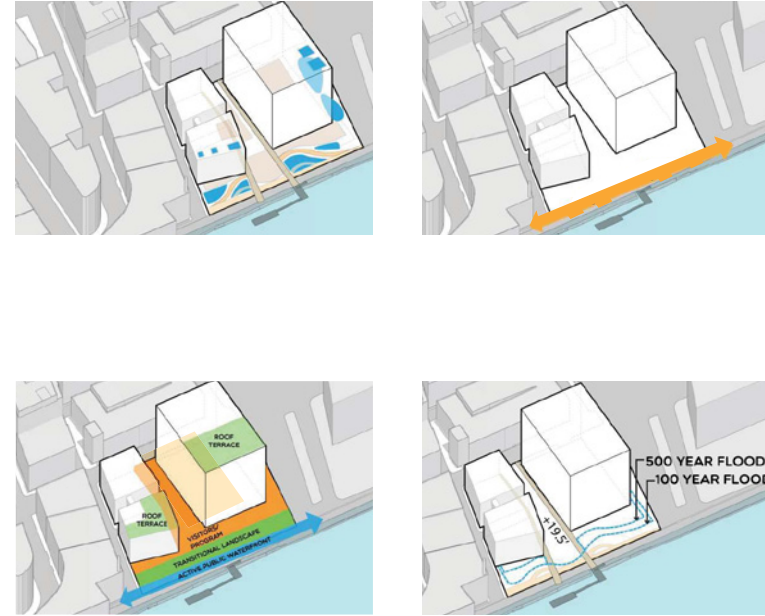
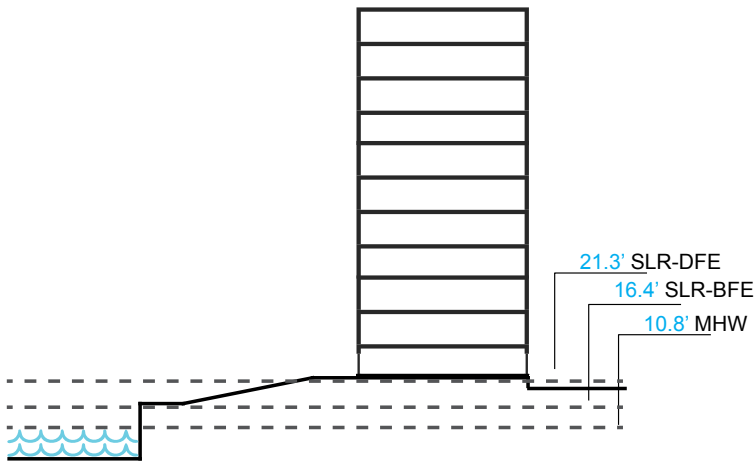


Sea Level Rise

The project design represents a comprehensive response to coastal flood risk while embracing the water's edge of the Fort Point Channel. Both the site and building first floors are raised to reduce flood risk with the first floor elevated to 19.5' BCB which provides 2' of free board for a 500-year storm event. Building mechanical and life safety/standby emergency building systems are located above future flood elevations. Adaptive hard and soft landscaping has been designed to tolerate flooding and saltwater inundation.

Living Shoreline

By taking advantage of the existing seawall, the new Harborwalk will create a compelling pedestrian space and enhancing the public's experience of the water's edge and supporting work-life integration.



Green Building

LEED V4 BD+C Gold Certification
Point: 63

Starting with adaptive building reuse and renovation of two brick warehouse buildings, GE has set a high standard for sustainability. Located in a densely developed historic city neighborhood with major public transit infrastructure encourages walking and biking and significantly reduces transportation and site development carbon emissions and impacts. State-of-the-art building management systems and strategies focus on occupant comfort and, with modeled performance 18% below baseline, will reduce energy use and costs. Views, natural lighting, access green roof gardens, and healthy indoor environment support the wellbeing and productivity of GE's community.

