

Structural Steel Project Profile

Commercial Building Frames



Broad Institute: 75 Ames Street Cambridge, MA

The Broad Institute is a genomic medicine research center that allows collaborative, cross-disciplinary research between physicians, geneticists, and biologists. The 15-story expansion at 75 Ames Street added an additional 250,000 square feet of research and administrative space, through a series of connector bridges, to the existing headquarters at 7 Cambridge Center.



Ocean Steel supplied and erected 5400 tons of structural steel and plate work; 350,000 square feet of decking; and 3700 square feet of grating. The expansion was built adjacent to, and over, an existing parking garage. The more complex features of the structure included 12 super-columns, each measuring 80 feet long, carefully placed down through 6 existing floors of the parking garage. The super-columns were built in halves, weighing approximately 20 apiece. The super-columns support the portion of the new structure that overhangs the existing parking garage at the 6th floor. This floor is framed with 19 plate girders, the heaviest sections being 60 feet long and weighing 57 tons.



Aside from site logistics, another major challenge was an aggressive schedule. This was overcome by having all three of our fabrication plants (Conklin, NY; Saint John, NB, & Fredericton, NB) work on the project to achieve a continuous flow of structural steel to the site.

Tonnage: 5400
Customer: Suffolk Construction
Owner: Broad Institute
Structural Engineer: McNamara/Salvia
Year: 2012

Ocean Steel

CORP. OFFICE & NB PLANT #1:
400 Chesley Drive • Saint John, NB
Canada • E2K 5L6
Phone: 506-632-2600
Fax: 506-632-7689

NB PLANT #2:
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NEW ENGLAND SALES OFFICE:
40 Mall Road, Suite 207
Burlington, MA, USA • 01803
Phone: 781-221-2152
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NEW YORK PLANT:
53 Shaw Road • Conklin, NY
USA • 13748
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