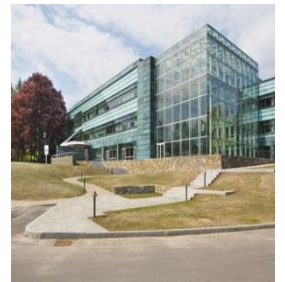




McNAMARA • SALVIA
STRUCTURAL ENGINEERS

RESEARCH AND LABORATORY



McNamara•Salvia's experience designing research and laboratory facilities includes over 100 projects totaling over 10 million square feet of new construction for some of the nation's leading educational institutions, hospitals, and pharmaceutical and medical device companies. We are familiar with the requirements for wet and dry laboratories, vivariums, biotechnical and biomedical research facilities, and life science teaching spaces.

Precision laboratory, microscopy, cell implant, micro-electronic manufacturing, and imaging equipment are standard features of modern research and laboratory facilities. McNamara•Salvia has the expertise to analyze and mitigate vibrations that can impede the performance of such specialized equipment in both new and existing buildings. Through early coordination with our clients and their vendors, we are able to understand the vibration sensitivities of the equipment and consider the effects of mechanical equipment oscillations and occupant footfall in our analyses to find cost-effective solutions to dampen the structure – first, through strategic planning of lab space and then using tuned-mass dampers, isolation systems, and other creative structural details.

McNamara•Salvia has a long history of providing value to our clients through coordinating lab modules with cost effective column bay sizes to support the building program. We are also able to provide structures with the adaptability to be retrofitted for future uses with limited impact on other building occupants.



McNAMARA · SALVIA
STRUCTURAL ENGINEERS

RESEARCH AND LABORATORY PROJECT LISTING

50, 100, and 225 Binney Street Cambridge, MA

88 Sidney Street (Alkermes) Cambridge, MA

150 Second Street Cambridge, MA

200 Cambridgepark Drive Cambridge, MA

281 Albany Street Cambridge, MA

301 Binney Street Cambridge, MA

320 Bent Street Cambridge, MA

450 Kendall Street Cambridge, MA

610 Main Street (Pfizer) Cambridge, MA

640 Memorial Drive Cambridge, MA

650 East Kendall Street Cambridge, MA

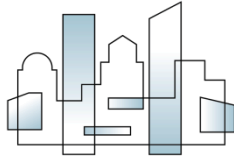
770 – 790 Memorial Drive Cambridge, MA

830 Winter Street Waltham, MA

Alexion Pharmaceuticals at 100 College Street New Haven, CT

Ares Serono Rockland, MA

AstraZeneca Waltham, MA



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RESEARCH AND LABORATORY PROJECT LISTING

Biogen 6 at 15 Cambridge Center	Cambridge, MA
Biogen 8, 9, and 24	Cambridge, MA
Biogen Beta Facility Research	Triangle Park, NC
Biomed Realty Trust at The Landmark at Eastview Buildings A, B, and C	Greenburgh, NY
Biotech 3 Innovation	Cambridge, MA
Brigham Building for the Future	Boston, MA
Center for Life Sciences at 3 Blackfan Circle	Boston, MA
Charles River Plaza	Boston, MA
Children's Hospital Boston Karp Family Research Laboratories	Boston, MA
Genetics Institute Laboratory Addition	Andover, MA
Harvard Medical School Wyss Institute	Boston, MA
Kollmorgen Research and Development Facility	Northampton, MA
Longwood Center (Joslin Clinic)	Boston, MA
Massachusetts College of Pharmacy	Boston, MA
Massachusetts Mental Health	Boston, MA
Millennium Pharmaceuticals at 35 and 40 Landsdowne Street	Cambridge, MA

3 * MIAMI DIRECTOR PREVIOUS FIRM EXPERIENCE



McNAMARA · SALVIA
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RESEARCH AND LABORATORY PROJECT LISTING

Massachusetts Institute of Technology Rohsenow and Pappalardo Laboratory Renovations	Cambridge, MA
New England Biolabs	Ipswich, MA
Nephron Pharmaceuticals	Columbia, SC
Novartis Institute for Biomedical Research	Cambridge, MA
Parametric Technology Corporation at 140 Kendrick Street	Boston, MA
Sepracor Corporate Headquarters	Marlborough, MA
Schlumberger – Doll Research Center at One Hampshire Street	Cambridge, MA
The Broad Institute of Massachusetts Institute of Technology and Harvard University	Cambridge, MA
University of Florida Genetics and Cancer Center	Miami, FL*
University of Miami Cox Neuroscience Building	Miami, FL
University of Miami Rosentiel School of Marine and Atmospheric Science	Virginia Key, FL
Vertex at Fan Pier	Boston, MA
Vertex Renovations	Cambridge, MA
Vicor Corporation Research Building	Andover, MA
