

SELECTED PROJECT PORTFOLIO



Project: New Research & Development Building
Owner: Hypnion, Inc.
Client: Hypnion and The Richmond Group

Services Provided:

- Evaluated existing building and the site (adjacent to Hanscom Air Force Base) for suitability for noise-critical work with respect to military aircraft flyovers.
- Conducted detailed noise measurements at the site to understand amount of air traffic noise and estimate existing building's sound transmission loss and sound transmission coefficient (STC).
- Developed laboratory design which mitigated all noise from military aircraft. Design included high STC walls and HVAC.
- Evaluated second existing building and site (adjacent to the intersection of two major highways) for noise-critical laboratories.
- Recommended exterior wall construction to block exterior sound from highway to noise-critical laboratories.