



# NRB

modular building specialists

## U.S. Environmental Protection Agency

Laboratory Edison, NJ

Building Size: 6,969 sq. ft.

Building Start: April, 2010

Building Complete: November, 2010

## PROJECT PROFILE

COMMERCIAL

Project Profile # 2095002



*Environmental Protection Agency—Laboratory*



### PROJECT OVERVIEW:

The U.S. Environmental Protection Agency needed a permanent constructed laboratory that could be moved at a later date and reassembled. NRB's off-site construction technology using structural steel and pre-poured concrete floors and "Build-Together" process provided the perfect solution. The units arrived on site fully equipped with all millwork and electrical / mechanical systems and fume hoods with acid venting assemblies installed. The laboratory had to meet stringent requirements, indoor air quality was of paramount concern. NRB incorporated a complex design of HVAC systems along with rigid type insulation systems for the building envelope to provide an air tight barrier from external air contaminate infiltration. Individual DDC systems were installed to manage the air quality of each area.

**NO LIMITS... ONLY POSSIBILITIES**



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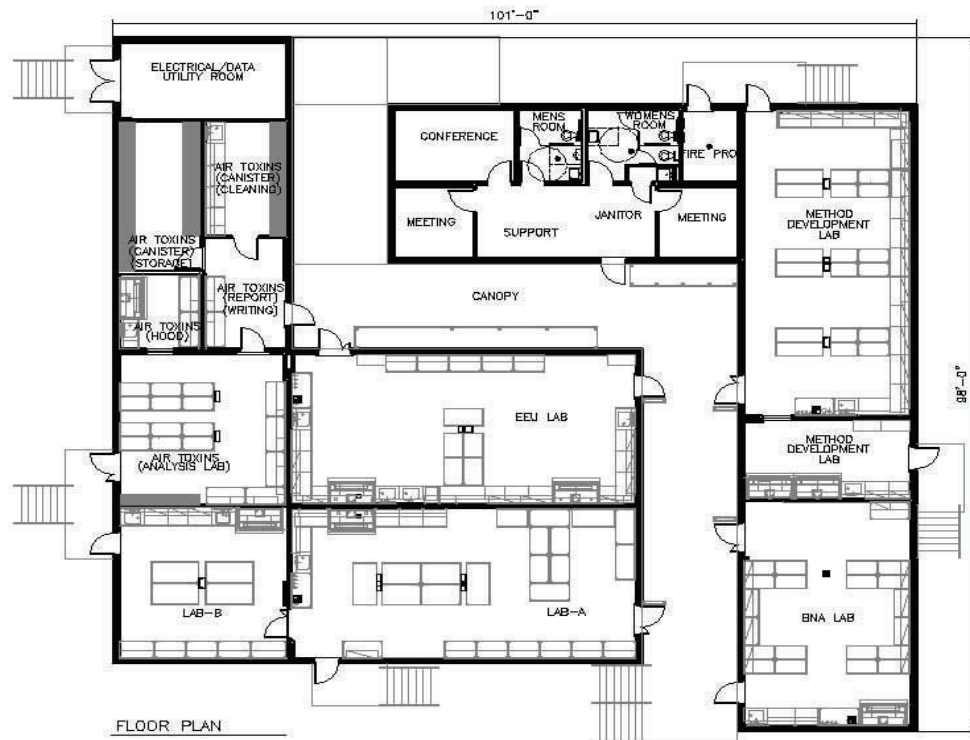
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### FEATURES & BENEFITS:

- Ceilings have a special coating finish which facilitates easy maintenance of the “clean-air” laboratories.
- Noise levels met strict ASHRAE sound and vibration levels for laboratories.
- Lab used to test air samples and potentially extremely hazardous materials, high volume exchange air mechanical systems were installed to keep air quality at its purest level
- Epoxy-resin acid resistant type countertops with custom constructed painted steel base and overhead cabinets
- Emergency showers
- Complex HVAC system, individual DDC systems and fume hoods with acid venting assemblies installed.
- Due to strict Environmental, Energy and EPA guidelines, final set-up of systems, cleaning and testing of all mechanical systems took several months to complete on-site.



**NO LIMITS... ONLY POSSIBILITIES**

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