

Green Buildings - Education City University of New York City Tech Academic Building Brooklyn, New York

Program

Local Law 86
(NYC counterpart of Executive Order #111)

Scope of Services

- Energy modeling
- Design Assistance
- Material Selection
- USGBC Process Management

Level of Involvement

LEED Consultant
Energy Modeling Consultant

Facility Size

350,000 sq. ft.

Facility Type

Educational/Laboratory

Green Building Goal

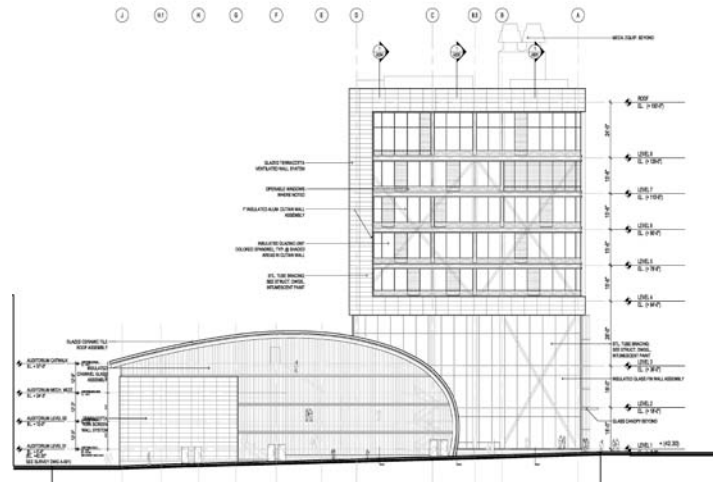
Pursuing LEED-NC v2.2 Gold Certification

LEED-NC V2.2 Silver Certification requires the following:

- Compliance with all prerequisites
- Minimum of 2 EAc1 points (14% energy cost reduction below ASHRAE 90.1-2004 Appendix G)
- Minimum of 20% energy reduction below NYS Energy Conservative Construction Code
- Minimum of 33 credits (although EME suggests targeting 36 - 40)

EME Group is providing energy modeling and LEED design assistance for this new City University of New York (CUNY) New York City College of Technology academic building to house laboratory instructional and support space including theatrical, athletic and assembly areas. CUNY has set a goal of achieving LEED-NC V2.2 Silver Certification.

Our LEED services also include conducting the initial Charrette, making suggestions regarding the drawings and specifications, reviewing submittals, guiding the construction team on sustainability issues, managing



City Tech Academic Building

the LEED website and uploading the necessary documentation for certification. Some of the features contributing to this rating include native vegetation, bicycle racks, environmentally preferable materials, and other sustainable elements. Working with the design team, EME was able to analyze and make recommendations that fundamentally enhanced the efficiency of the mechanical systems designed for the building.