

## Building Statistics

This summary type assignment requires you to gain knowledge of and be able to describe the physical existing conditions of your building. Included is information relative to overall building systems, construction methods and design concepts. You should be able to discuss and answer questions throughout the semester relative to an overview understanding of all the systems and components of the building. Much of this information will be used in your thesis assignments including your discipline existing conditions reports, thesis abstract and fall semester proposal.

Address each of the topics noted below. Refer to the examples discussed in class. In some cases, you can simply list the appropriate information (i.e. building name, project delivery method, etc.). In most cases, particularly in the systems areas, you should provide one or more paragraphs on the topic. **A page with just bulleted items is not acceptable, particularly for the systems descriptions.**

*Note: This assignment / section of the CPEP should be heavily populated with photographs, renderings, electronic building elevations etc. as they make it much easier to understand the size, scope and configuration of your buildings.*

Finally, watch your sentence structure when creating this assignment. There is a tendency to start each sentence with “The” as you describe the various systems and building elements. Learn to vary your sentences for this and all other Senior Thesis Assignments. This is a W course and over time you will lose points on your assignments for not developing variety in your sentences.

### Part 1

#### General Building Data

- The Web Shop
- West Haven, CT
- The Lighting Quotient (aka Elliptipar) Headquarters
- Office, R&D, and Manufacturing
- 99,880sf of interior space, measured inside of the exterior walls.
  - Each of the 3 office floors is slightly less than 13,000sf
  - The factory area is around 59,000sf
- 3 Stories
- Owner: Allison K. Schieffelin, Chairman and CEO
- TheLightingQuotient.com
- 1903
- The building cost information has been requested, but is not known at this time
- Project delivery method is unclear, because it is a 100 year old building. However, information has been requested.

## Architecture

- 20<sup>th</sup> Century industrial architecture in the Italianate style
- I am not sure about major national model codes at this point
- RCPD and RB
- Was placed on the National Register of Historic Places in 1983

## Building Enclosure (New breakout section for 2009)

- The building is entirely wood timber construction, with semi-exposed columns and joists
- The façade is entirely brick, with some stone accents
- The roof above the factory floor is flat with drains surrounding the perimeter. It features 5' sawtooth fenestrations.
- The roof above the office is also flat and uses central drains that run into the building
- The large single pane windows fill the entirety of the space between the columns.



## Sustainability Features (New breakout section for 2009)

This building uses abundant daylighting to offset the lighting loads.