

## Gerding Theatre at the Armory

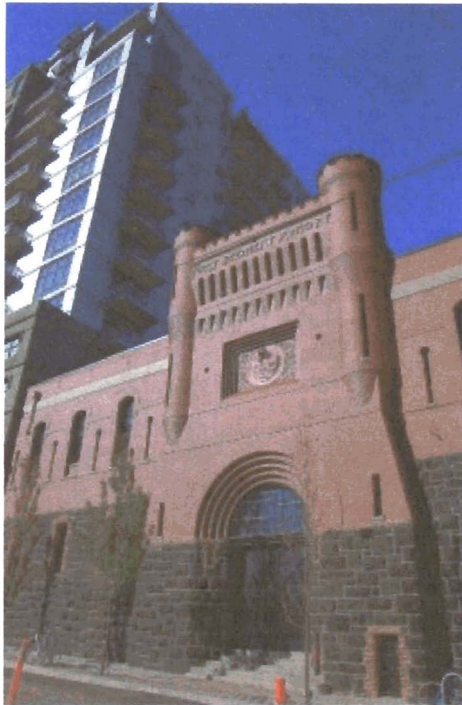
Sq. Footage- 55,000 square feet  
LEEDS Level: Platinum (53 points)

Interesting facts:

- 1) 79% of the pre existing building was reused
- 2) Pre existing 30-inch brick walls were put to use
  - Unique and efficient way to insulate
- 3) FSC wood was used in this project
  - 58% of new wood used in construction was FSC wood
- 4) Used fluid dynamics
  - Determined ventilation effectiveness through computer usage
- 5) Kept existing roof
  - Existing roof was used
  - Footprint was preserved in the pre existing building

Natural Day lighting was used

- Skylights were installed for natural sunlight to light different parts of the building
- 7) Daylight sensors and occupancy sensors are used
    - Detects when light should be used per number of guests
    - Detects when sun is letting “natural light” in
  - 8) Diverted waste after construction
    - 95% of all waste, by weight, was recycled



In this picture is the Gerding Theatre at the Armory  
A relatively old building that has been renovated to meet LEEDS energy saving standards