

Lee C. Ressler

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Objective To develop as a structural engineer with a full time position, alongside people who will help me advance towards professional licensure.

Education Integrated Master of Architectural Engineering
Bachelor of Architectural Engineering, ABET Accredited, Five Year Professional Degree
Minor in Architectural Studies

The Pennsylvania State University
Expected Date of Graduation: May 2008
Current GPA: 3.52/4.0
Eligible for E.I.T. Status Upon Graduation

Sede di Roma
Study Abroad Program, Summer 2006

Experience

Echelon Engineering: Structural Intern- Summer 2007
Projects

Archstone 673

Twelve story post-tensioned flat plate concrete condominium building

- Developed the preliminary two-way post-tensioned floor slab design for the building
- Built an Etabs model and ran the preliminary analysis on the structure
- Designed the concrete shear walls to control the drift of the building

Post Soho, Tampa Florida

Stick Built Condominiums on a post-tensioned concrete podium

- Designed the shear walls and anchorage for the lateral force resisting system
- Carried loads down to the foundations and designed the strip footings
- Laid out the transfer framing for units that did not align vertically

Washingtonian Center, Gaithersburg Maryland

Eight story steel office building and precast concrete parking garage

- Designed the combined mat footing for the braced lateral frame
- Developed the spread footing designs for the parking garage

Skills

Computer Programs

Auto Cad ETABS RAM Structural Systems RAM Concept PCA Mats

Experience with Building Codes

ACI 318-05 AISC Manual of Steel Construction, 13th Edition NDS for Wood Construction
ASCE 7-05 NCMA TEK Notes for Masonry Construction

Activities

Engineers for a Sustainable World

Student group to promote and apply sustainable design in all engineering applications. Served as the structural team leader on a design project of a windmill to be built for a small village in Kenya.