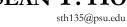
## SEAN T. HOWARD





PHONE • 571.235.1108

## OBJECTIVE 1

To continue to gain working experience in the structural design field with my E.I.T. status and complete requirements for my professional license.

### EDUCATION

The Pennsylvania State University, University Park, PA

B.A.E. in Architectural Engineering with Structural option

5-year professional ABET accredited program

Expected graduation date: May 2006

## <u>SKILLS + RELATED COURSEWORK</u>

- E.I.T. eligibility upon graduation
- Passed FE Exam in April 2005
- Comprehensive knowledge of AutoCAD programs
- Familiar with STAAD III, RAM, RISA
- Proficient in Microsoft Word, Power Point, and Excel

#### **COURSES**:

- AE 481, 482 Thesis Project
- AE 431 Advanced Concrete
- AE 403 Advanced Steel
- AE 430 Indeterminate Structures
- ABE 462 Wood Design

- AE 402 Steel Design
- AE 401 Concrete Design
- AE 444 (sp) Advanced AutoCAD

2005

- AE 432 (sp) Masonry
  - AE 222 AutoCAD

## WORK EXPERIENCE

## **Engineering Intern**

Mesen Associates, P.C., Alexandria, VA

- Partook in the structural design of small office and retail buildings
- Set up and drafted structural drawings in AutoCAD
- Administrated office tasks
- 40 hrs/wk
- Asked to return

#### Play coordinator

1998-2005

Fort Belvoir Golf Course, Fort Belvoir, VA

- Worked part time while working full time at Mesen Associates
- Scheduled daily tee times for patrons
- Assisted in coordinating major events and tournaments such as Member-Guest weekend

#### AWARDS

Eagle Scout, December 2000

# SEAN T. HOWARD



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SCHOOL 613 S. ALLEN ST STATE COLLEGE, PA 16801

HOME 7106 LAKETREE CT

FAIRFAX STATION, VA 22039

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## THESIS PROJECT

The Executive Tower, Washington, DC

Structural Option
Built December 2000
11 Stories + Penthouse
132,268 sqft
Class A Office

#### Structure:

Concrete flat slab system 24" sq columns MAT Foundation

### Proposal:

Addition of a 12th typical floor by means of:

- Converting to Post Tensioning slab
- Architecture redesign of first floor
- Mechanical redesign of duct work

# <u>ACTIVITIES + EXPERIENCES</u>

- Golf
- Soccer
- Philmont Scout Ranch

#### Crew Chief in 2000

- Chicago Trip
- DC Trip

## REFERENCES

Available upon request

2005-2006



1998, 2000

Fall 2004 Spring 2004