

Building Overview

The Hampton Inn & Suites in National Harbor, Maryland, is an eleven story hotel structure that lies in one of America's premiere development sites. A mixed use community, National Harbor boasts a 7,300,000 square foot master plan in George's County, Maryland. With over 2,500 residential units, 4,000 hotel rooms, one million square feet of retail, dining, and entertainment, and 500,000 square feet of class "A" office space, it is easy to see why National Harbor is one of America's premiere up and coming attractions. The owner, OTO Development, chose STV, Inc. for the building's architectural design. The hotel includes amenities such as an indoor pool, internet lounge and an eleventh floor lounge and balcony.



Presentation Overview

Introduction (3 slides)

- Student name, project name, thesis advisor
- Project background
- Presentation preview

Structural Depth (8 slides)

- Existing conditions
- Truncated tech report two results
- Proposal – PT system
- Analysis and results
 - Effect on base shear, overturning, foundations, total seismic weight
- Conclusion

Breadth Topic One – Construction Management (5 slides)

- Breadth statement – effect on cost, schedule
- Possible concerns and actual findings
- Cost analysis
- Schedule Analysis
- Conclusion

Breadth Topic Two – Building Envelope (4 slides)

- Breadth statement – efficiency of envelope
- Possible concerns and actual findings
- Performance analysis
- Conclusion

Recap and overall conclusion (3 slides)

- Depth and breadth reflections
- Lessons learned
- Acknowledgements and questions