Evan Landis

Thesis Presentation Outline

Introduction (1 Slide)

Structural Depth

 Overview (1-2 slides)

 Why move building to Orlando?

 Wind Analysis

 Shear wall design (3 slides)

 Design Parameters

Required Reinforcing

Typical Rebar layout

 Shear Wall Placement (3 slides)

 Overall Placement

 Architectural changes and considerations

 Foundation (3 slides)

 Spread Footing design

 Spread Footing Issues

 Caisson/Caisson Cap design

Cost/Schedule Breadth

 Shear wall cost (1 slide)

 Foundation Cost (2 slides)

 Foundation Schedule (1 slide)

 Cost Comparison (1 Slide)

Conclusion (2 slides)