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)