

Josh Thompson
Construction Management
Faculty Advisor: Dr. Horman
Teachers Education and Technology Center at Salisbury University
Salisbury, MD
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Thesis Presentation Outline

Introduction- 3 Slides

- Introduction of myself and concentration
- Project Background
 - Project Team & Organizational Structure
 - Building Background and Statistics
- Preview of Discussion Topics for Presentation

Depth – 8 Slides

- Introduction of BIM depth topic & goal of the analysis
- Three views of structural steel, MEP, & composite model
- Tables comparing interference check results
- Copies of interference check reports
- Three slides devoted to interview results and guidelines set forth for implementing BIM at the construction phase
- Conclusion

Structural & Mechanical Breadth (Related) - 8 slides

- Introduction of schedule issue with stick brick façade and existing system
- Introduction of proposed pre-fabricated panel façade system
- Results from structural analysis impact of new system
- Results of new R & U value calculations and impact on cooling/heating loads
- Proposed change in mechanical system if necessary
- Cost savings and schedule reduction results
- Conclusion

Foundation Placement Method-5 slides

- Introduction of proposed grade beam construction method
- Photos of current placement method
- Results from formwork, excavation, labor savings, added concrete cost
- Results from schedule reduction
- Conclusion

Acknowledgements & Conclusions- 1-2 Slides