

Presentation Outline:

1. Introduction of project and self (**1 Slide**)
2. Building Information (**4 Slides**)
 - a. Statistics
 - b. Unique Feature: 60ft Hillside
 - c. Existing Gravity and Lateral System
3. Problem Statement (**1 Slide**)
4. Proposed Solution and Goals (**1 Slide**)
 - a. Redesign floor system in using a two-way flat slab
 - b. Determine the feasibility of a PT slab system
5. Two-way Redesign (**8 Slides**)
 - a. Trial Floor Designs and Final Design
 - b. Verification of Output
 - c. Column Design
6. Post-tensioned Redesign (**9 Slides**)
 - a. Pros, Cons, and Complications of the PT system
 - b. Slab and Tendon Design
 - c. Feasibility of the PT system
7. Lateral System Check (**2 Slides**)
8. Breadth 1 - Cost and Schedule Analysis (**6 Slides**)
 - a. Cost Comparison
 - b. Schedule Comparison
9. Conclusion (**3 Slides**)
 - a. Comparison of Systems
 - b. Where goals met?
 - c. Acknowledgements

Total Estimated Number of Slides: **35**