The Towers at Greenville Place: Tower ‘B’

Presentation Outline

I. Introduction
   a. Introduction of myself
   b. Project Information (6 slides - 3 Changes)
      i. Name
      ii. Location
      iii. Building Function and size
      iv. Cost
      v. Project Team
      vi. Project Duration

II. Existing Structure
   a. Foundations (2 slides - 1 change)
   b. Floor system (2 slides - 1 change)
   c. Gravity system (2 slides - 1 change)

III. Problem Statement
   a. Building weight (2 slides - 1 change)
      i. Building could be considered heavy
   b. Seismic Considerations (2 slides - 1 change)
      i. The effects of the building weight have adverse effects on seismic loads

IV. Structural Redesign
   a. Gravity System (4 slides - 2 changes)
   b. Layout Consideration (4 slides - 2 changes)
   c. Lateral Supports (4 slides - 2 changes)
   d. Weight Comparison (2 slides - 1 change)
   e. Seismic Comparison (4 slides - 2 changes)

V. LEED/ Sustainability Studies (may not be covered in presentation, time/length dependent)
   a. Green roof
   b. Rainwater Collection

VI. Construction Management Studies (4 slides - 2 changes)
   a. Cost Comparison
   b. Schedule Comparison

VII. Conclusions (6 slides - 3 changes)
   a. Comparisons of existing and proposed designs
   b. Acknowledgments

Approximately 44 slides spread across three screens (about 22 different changes)
Presentation Outline

- Introduction
  - Introduction
  - Project Information
- Existing Structure
  - Foundations
  - Floor system
  - Gravity system
- Problem Statement
  - Building weight
  - Seismic Considerations
- Structural Redesign
  - Gravity System
  - Layout Consideration
  - Lateral Supports
  - Weight Comparison
  - Seismic Comparison
- Construction Management Breadth
  - Cost Comparison
  - Schedule Comparison
- Conclusions