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Structural Option  
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Whiteland Village  
Exton, PA  
March 9, 2007  
AE 482

## Draft Presentation Outline

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1. Introduction (4 slides)
  - 1.1. Title Slide – Introduce myself
  - 1.2. Background on Building
    - 1.2.1. Map of location and renderings
    - 1.2.2. Size, cost, schedule, project team
    - 1.2.3. Existing systems (HVAC, Fire Protection, Electrical)
2. Structural Depth (8 slides)
  - 2.1. Existing structural system
    - 2.1.1. Floor system – Precast Plank
    - 2.1.2. Lateral system – MAS and Conc. Shearwalls
  - 2.2. Alternate Design Considerations
  - 2.3. Staggered Truss Design
  - 2.4. PR-CC Design
3. Construction Management Breadth (3 slides)

(Comparison of all three systems)

  - 3.1. Schedule Comparison
  - 3.2. Cost Comparison
4. Envelopes Breadth (3 slides)
  - 4.1. Bulk Water/Snow Analysis
  - 4.2. Thermal Efficiency of Exterior Wall Systems
5. Conclusions (1 slide)
6. Acknowledgements (1 slide)
7. Questions (1 slide)