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AE 482 3-9-07
Structures Option
American Eagle Quantum II Corporate Headquarters
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Presentation Outline

- Introduction: (1 slide)
- Building Description: (4 slides)
 - Design and construction team.
 - Building statistics.
 - Architectural features.
 - Non-structural building systems.
- Structural System: (5 slides)
 - In depth description of existing structural system.
- Problem Statement & Solution Overview: (5 slides)
 - The use of a moment frame lateral system.
 - Re-design with cross bracing.
- Structural Re-design: (10-15 Slides)
 - Complete review of re-design process.
 - Presentation of final design outcome.
- Breadth Topics: (5-10 slides)
 - Alternative floor system of hollow core concrete planks.
 - Detailed cost analysis of structural re-design proposed in thesis.
- Closing: (2-3 slides)
 - Conclusions and acknowledgements.