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New Moon Area High School/ District Administration Offices

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Presentation Outline | March 26, 2010

- 1. Cover (1 Slide)**
 - a. Self- Description, Date, PSU
 - b. Project Name
 - c. Building Image
- 2. Presentation Outline (1 slide)**
 - a. Main topics (this slide will always remain on the left screen)
- 3. Project Overview (5-7 slides)**
 - a. Owner, Building Type, Size, Cost, Construction Duration, Location
 - b. Owner history, Project phase descriptions
 - c. Project Team
- 4. Analyses Introduction (1 slide)**
 - a. Analysis One: BIM Planning with Multiple Prime Contracts
 - i. Research topic (This will not be presented, information is in report)
 - b. Analysis Two: Concrete Foundation Wall Bracing Design
 - i. Structural Breadth
 - ii. Scheduling issue
 - c. Analysis Three: Replacing Brick Veneer with Precast Architectural Panels
 - i. Building Envelope Breadth/ M.A.E. Study
 - ii. Schedule Issue/Thermal Performance
- 5. Analysis Two: Concrete Foundation Wall Bracing Design (12-18 slides)**
 - a. Background, Problem, Objective
 - b. Structural requirements, bracing selection and bracing design
 - c. Cost and Schedule Impacts
 - d. Final recommendation
- 6. Analysis Three: Replacing Brick Veneer with Precast Architectural Panels (12-18 slides)**
 - a. Background, Problem, Objective
 - b. Precast selection and design criteria
 - c. Thermal evaluation
 - d. Precast design
 - e. Cost and schedule impacts
 - f. Final Recommendations
- 7. Overall Project Conclusions (1 slide)**
 - a. Analysis One
 - i. Summary
 - ii. Industry needs more time
 - b. Analysis Two
 - i. Summary
 - ii. Highly recommended
 - c. Analysis Three
 - i. Summary
 - ii. Recommended
- 8. Acknowledgements and Questions (1 slide)**