

Brandon McKee
Ambridge Area High School
Ambridge, Pennsylvania
Advisor: Dr. Messner
March 9, 2007

Draft Presentation Outline

1. Cover Slide and personal introduction
 - a. Ambridge Area High School
 - b. Ambridge, Pennsylvania
 - c. Brandon McKee
 - d. Construction Management
2. Presentation Outline
 - a. Project Overview
 - b. Analysis 1 – Green School Research
 - c. Analysis 2 – Precast Panelized Brick Facade
 - d. Analysis 3 – Structural Steel Erection Sequencing
 - e. Conclusion
 - f. Questions and Answers
3. Project Overview 1
 - a. Cost
 - b. Size
 - c. Duration
 - d. Incorporated Facilities
4. Project Overview 2
 - a. Site Logistics Plan
 - b. Describe area neighboring site
5. Project Overview 3
 - a. Describe major building systems
 - i. Mechanical
 - ii. Electrical
 - iii. Façade
 - iv. Structural
6. Project Overview 4
 - a. Project Team
 - b. Project organizational chart
7. Analysis 1 – Green School Research
 - a. Problem
 - b. Research
 - c. Goal
8. Analysis 1 – Green School Research
 - a. Describe questionnaire tool utilized
 - b. Explain who was surveyed
9. Analysis 1 – Green School Research
 - a. Analyze results
 - b. Describe findings
10. Analysis 2– Precast Panelized Brick Facade
 - a. Site plan
 - b. Describe existing system
 - c. Describe Panelized system

Brandon McKee
Ambridge Area High School
Ambridge, Pennsylvania
Advisor: Dr. Messner
March 9, 2007

Draft Presentation Outline

11. Analysis 2– Precast Panelized Brick Facade
 - a. Schedule details
 - b. Mechanical impacts
 - c. Structural impacts
 - d. Cost details
12. Analysis 3– Structural Steel Erection Sequence
 - a. Overview
 - b. Describe sequence used
 - c. Describe alternative sequence
 - d. Detail schedule/cost savings
13. Conclusions
14. Acknowledgements
15. Questions
- 16.-? Anticipated Question Slides

Approximate Slide Count ~ 20-25