

Thesis Presentation Outline

Introduction	(1 slide)
Building Overview	(1 slide)
Existing Conditions	
• Architectural	(3 slides)
○ Spaces	
○ Floors	
○ Orientation	
• Mechanical System	(3 slides)
○ System layout	
○ System details	
Proposed Alternative	(2 slides)
• Depth: Ground Source Heat Pump	(6 slides)
○ Design and Assumptions	
○ Layout	
○ Pump/ condenser units	
• Breath: Construction Management	(4 slides)
○ Schedule Impact	
○ Site Layout	
○ Cost Analysis	
• Breath: Acoustics	(1 slide)
Energy Comparison	
• LEED	(1 slide)
• Payback Period	(1 slide)
Conclusion	(1 slide)
Acknowledgements	(1 slide)
Discussion Slides	(x slides)

Total= 25 slides



ELEMENTARY SCHOOL ONE

TOWN, MARYLAND

Jonathan Cann
Mechanical Option
MAE/BAE

Advisor: Dr. Treado



