

National Law Enforcement Museum

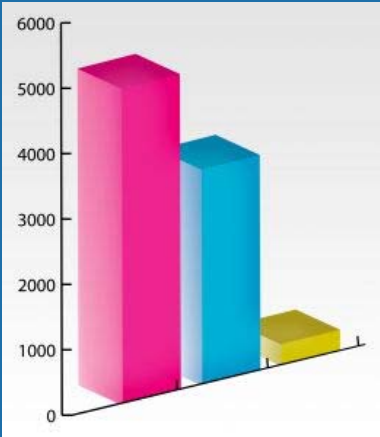


Anya Godigamuwe | AE Senior Thesis | Mechanical | April 2015

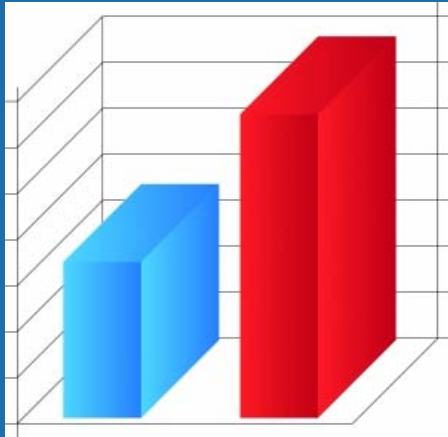


National Law Enforcement Museum – Technical Sample Slide

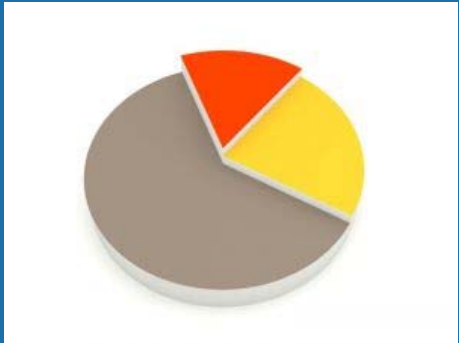
- Introduction
- Project Information
 - Mechanical System Redesign
 - **Existing VAV System**
 - Proposed VRF System
 - Pavilion Façade Redesign
 - Existing Façade
 - Proposed Facade
- Analysis
- Conclusion
- Acknowledgements



Graph A



Graph B

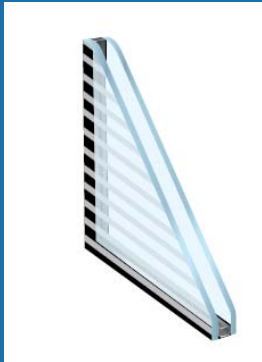


Graph C

Analysis
System A
Configuration
Loads & Energy
Comparison
Life Cycle Evaluation

National Law Enforcement Museum – Depth Sample Slide

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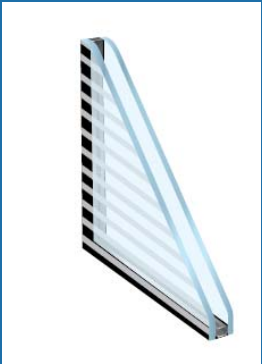
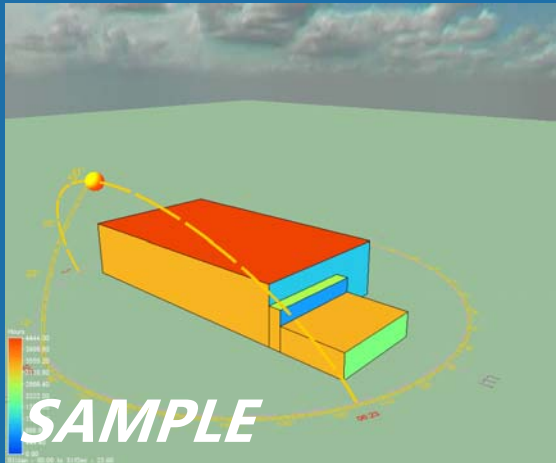
Type	SHGC	U Value
A Model	XX.XX	X.XX
B Model	XX.XX	X.XX

Analysis
Façade Redesign
Configuration
Loads & Energy
Comparison
Life Cycle Evaluation



National Law Enforcement Museum – Breadth Sample Slide

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Type	Daylight to Lobby	Daylight to Ticketing Area
A Model	XX.XX	X.XX
B Model	XX.XX	X.XX

Analysis
Façade Redesign
Configuration
Loads & Energy
Daylight Transference