Acknowledgements

Thank you for your help and support throughout the journey that has been thesis.

The entire staff of Mueller Associates in particular Adam Fry George Mason University

Dr. Mistrick Professor Dannerth Professor Moses Ling

All of my AE friends especially my fellow lighting/electrical options

Thank you to Ashley Bradford, Bryan Hart, Antonio Verne and Tom Yost whoall provided me great advice on my structural breadth

Megan Kohut who helped me get my 30"x42" drawings scanned.

And finally to my family who have dealt with me coming home at ridiculous hours for the past semester and provided me with unwavering support.