

Presentation Outline & Draft Slides

- I. Introduction [**4 screens**]
 - a. Myself and RGA Global HQ [1 screen]
 - b. Building statistics [2 screens]
 - c. Quick breadth and depth overview [1/2 screen]
 - d. Evaluation criteria [1/2 screen]
- II. Green Roof breadth [**5 screens**]
 - a. Design metrics, considerations and decisions [1 screen]
 - b. Relevant code provisions: fire protection and important ASTM highlight (code wind provisions & other ASTMs in appendix) [1 screen]
 - c. Final design features: planting, public circulation [2 screens]
 - d. Structural load consequences [1 screen]
- III. Structural depth [**9 screens**]
 - a. Gravity System
 - i. Gravity trusses [5 screens total]
 1. Load path and deflection control [2 screens]
 2. Roof truss [1 screen]
 3. Redundancy and section limitations [1 screen]
 - ii. Plate girder redesign consequences [1 screen]
 - iii. Roof member redesign in appendix
 - b. Lateral System [3 screens total]
 - i. Original braced frames [1 screen]
 - ii. Buckling restrained braces
 - iii. Assumptions and code provisions (detailed values in appendix)
 - iv. Design results [1 screen]
 - c. System comparisons [1 screen]
- IV. Mention of construction breadth results [**1 screen**]
 - a. Explain limitations and considerations
 - b. Conclusions of cost and schedule analysis
 - c. Details of values, inclusions, exclusions, assumptions in appendix
- V. Conclusions [**1 screen**]
 - a. Recap of evaluation criteria
- VI. Acknowledgements [**1 screen**]
 - a. Heather Sustersic, Advisor
 - b. Ruby+Associates, Perry Esslinger and Tom Rolfes with Clayco
 - c. Samantha Bollinger-Horticulture consultant
 - d. Deborah Dudenhoefer-Architecture consultant
 - e. Family, friends, God
- VII. Closing questions slide [**1 screen**]
- VIII. Appendices [**as needed**]

Estimated number of screens: 22 + appendix