

### Proposed Presentation Outline – 3-Screen Format

- I. Introduction
  - A. Title Slide (3 screens)
  - B. Index (1 screen)
  - C. Building Statistics/Site Map (2 screens)
  - D. Project Team (1 screen)
  - E. Architecture (2 screens)
- II. Existing Structural System
  - A. Summary (1 screen)
    - i. Bay Sizes/Filigree Slab Details/Lateral System Layout (3 screens)
  - B. Roof Heights (2 screens)
- III. Problem Statement
  - A. New scenario/CA Site map (2 screens)
- IV. Proposed Solution/Goals (2 screens)
- V. Moment Frame Designs
  - A. Gravity Redesign (1 screen)
  - B. Moment Frame Layout (1 screen)
  - C. NE USA S-3 Summary (2 screens)
  - D. CA S-3 Summary (1 screen)
    - i. **MAE Material** – CA S-3 Connections (1 screen)
  - E. CA S-1 Summary (1 screen)
    - i. **MAE Material** – CA S-1 Connections (1 screen)
- VI. Viscous Fluid Damper Design
  - A. Introduction (1 screen)
  - B. VFD Layout (1 screen)
  - C. Preliminary sizing/modeling parameters (2 screens)
  - D. Nonlinear analysis (2 screens)
  - E. Final sizing/modeling parameters (2 screens)
  - F. Summary (1 screen)
    - i. **MAE Material** – CA S-3 with VFD Connections (1 screen)
  - G. CA S-3 vs. CA S-3 with VFD video [8 seconds] (1 screen)
- VII. Comparison of Designs
  - A. CM Breadth Summary (1 screen)
  - B. Comparisons (2 screens)
- VIII. Sustainability Breadth: Viability Study
  - A. Introduction (1 screen)
  - B. PV – Solar shading study (2 screens)
  - C. PV – Components/Layout (4 screens)
  - D. PV LCA/PP/CF/LEED – (3 screens)
  - E. Green Roof System Selection (2 screens)
  - F. Green Roof LCA/PP/CF/LEED (3 Screens)
  - G. Summary (2 screens)
- IX. Conclusion
  - A. Acknowledgments/Request for Questions (2 screens)

**Total Screens: 60 screens** (I've made it and practiced it, and it clocks in around 14 minutes. I'm working on cutting it a bit.)