

Proposed 3 Screen Presentation Outline

1. Introduction (5 slides)

A. Cover Slide (1 slide)

B. Personal Introduction (1 slide)

C. Introducing the existing building (1 slide)

- i. Building information, location, function, codes
- ii. Project Team

D. Gravity, Floor and Foundation System (1 slide)

- i. Architecture
- ii. Structural System
- iii. Relation to Facade

E. Lateral System (1 slide)

- i. Architecture
- ii. Structural system
- iii. Relation to Facade

2. Presenting problem statement (2 slides)

A. History of concrete construction in India and its problems (1 slide)

- i. General trend
- ii. Problems with concrete construction

B. Solution (1 slide)

- i. Structural solution
- ii. Architectural solution



3. Thesis Preview (1 slide)

4. Gravity System (2 slides)

A. Proposed redesign (1 slide)

- i. Codes, Loads and load combinations,
- ii. Columns
- iii. Comparison to existing building

B. Integration to architecture and facade (1 slide)

- i. Architecture
- ii. Facade

5. Composite Floor System (1 slide)

A. Proposed redesign (1 slide)

- i. Design information
- ii. Procedure
- iii. integration to architecture and facade

6. Lateral System (2 slides)

A. Proposed redesign (1 slide)

- i. Codes, loads and load combinations,
- ii. Procedure
- iii. Design information

B. Integration to architecture and facade (1 slide)

- i. Architecture
- ii. Facade

7. Connection Design (1 slide)

A. Proposed redesign (1 slide)

- i. Design information
- ii. Procedure

8. Foundation revaluation (1 slide)

- A. Effect of change of superstructure on foundations

9. Conclusion (2 slides)

- A. Sum up the benefits of the steel redesign (1 slide)

- i. Architecture
- ii. Structure
- iii. Facade

- B. Acknowledgements (2 slide)

- i. Images
- ii. Academia
- iii. Industry

10. Appendix

Total screens: 17 slides + appendix