



## Introduction

1. Name and building description
2. Location and map

## Existing System

1. Foundation – Spread Footings/ Mat
2. Typical Floors 4-11 – Post tension flat plate, two way slab
3. Floors Ground – 3 – Mild reinforced concrete two-way slab with drop panels
4. Lateral resisting system – Concrete Shear walls

## Proposal

1. Girder- Slab System for typical floors
2. Steel vs. Concrete system.

## Redesign

1. Girder-slab
2. Composite beam and slab for floors ground -3
3. Braced Frames for lateral system
4. Foundation check

## Breadth Topic 1: Construction

1. Cost comparison of systems
2. Detailed schedule of new system vs. duration of built system
3. Revenue made by hotel with faster erection/ earlier opening

## Breadth Topic 2: LEED Survey

1. Discuss Idea and survey results

## Conclusion

1. Acknowledgements
2. Summary with Questions

Total projected number of slides 18