

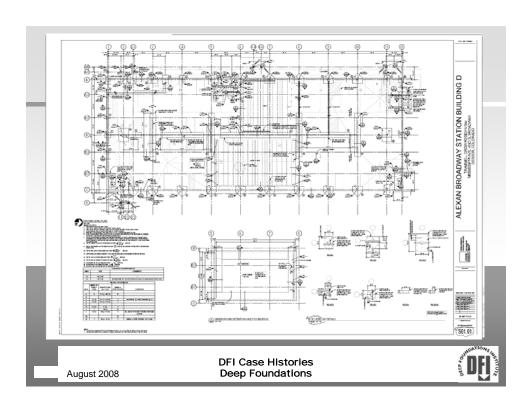
Project Introduction

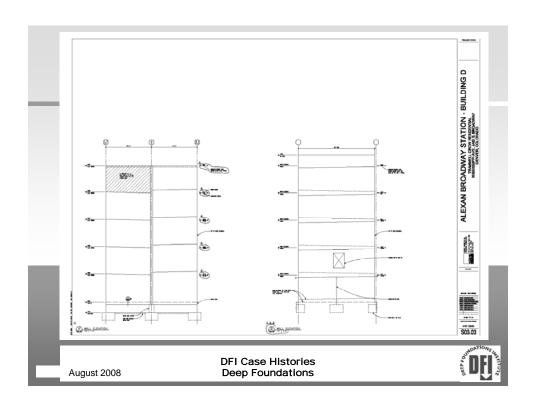
- Brownfield Site in Denver, CO
- 4-Story Parking Structure
- Pre-cast Concrete Construction
- 50 500 kip Column Loads
- Shear Wall Loads = 50 kip/ft
- 36,000 sf Footprint
- Underground Storm Detention

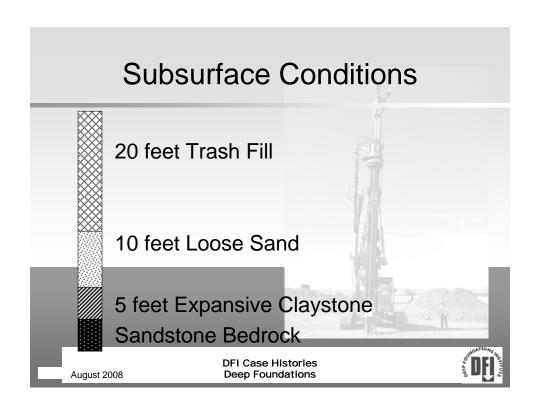
August 2008

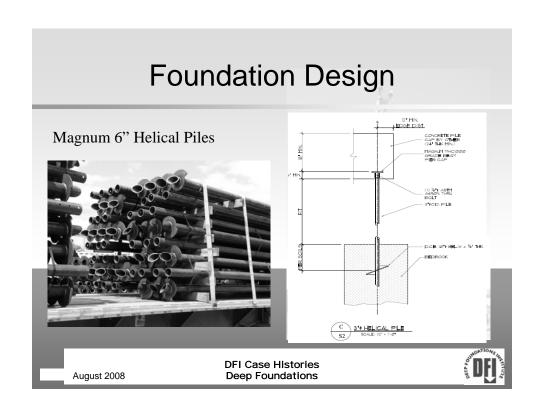
DFI Case Histories Deep Foundations

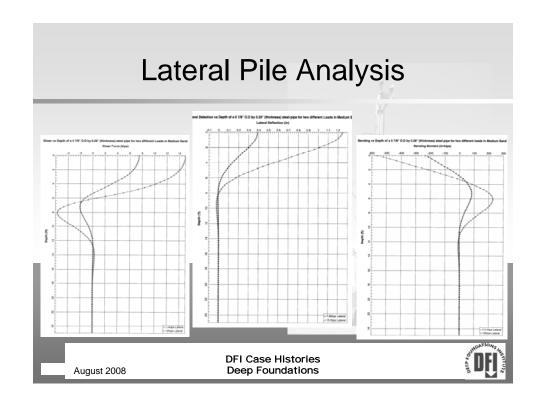


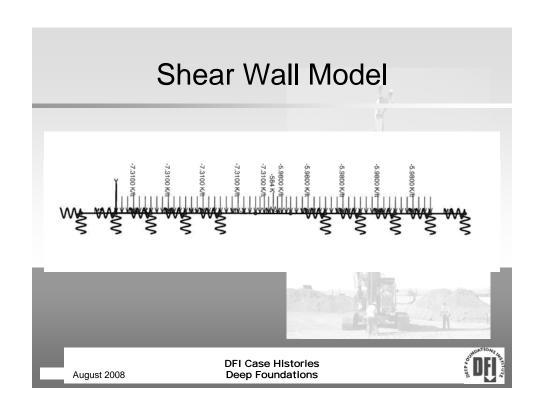


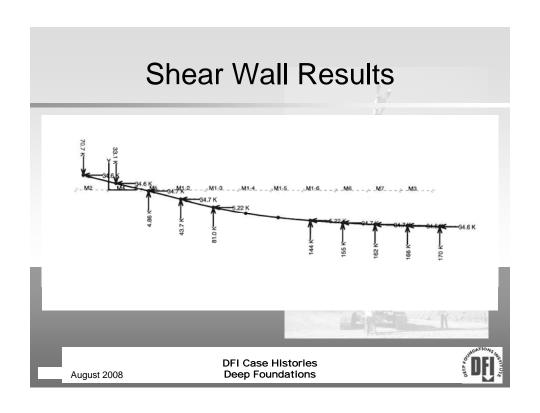


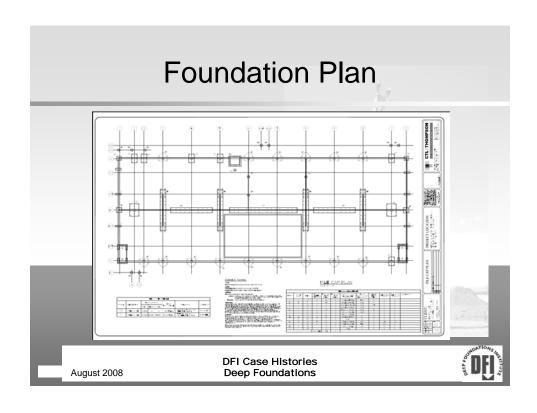


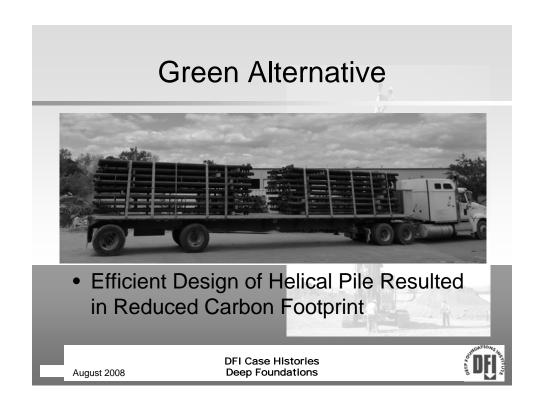








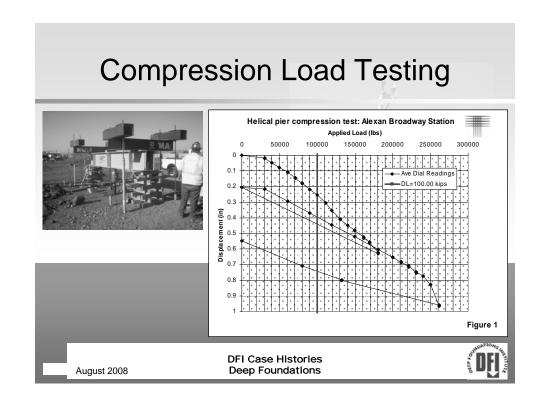


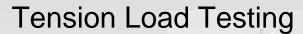


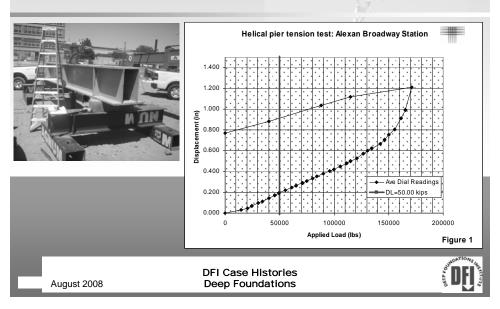












Conclusions

- Large Diameter Helical Piles Support Loads as High as 50-100 Tons
- Helical Piles are an Effective Foundation for Brownfield Sites
- Helical Piles are an Environmentally Friendly Foundation
- Quality Assurance through Calculations, Torque Monitoring, and Load Tests

DFI Case Histories Deep Foundations

August 2008

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