South Patient Tower

Building Introduction

- Hospital/Patient Tower
- Located in Falls Church, VA
- 236,000 SF
- Height – 145’ to Main Roof Level
- Construction Cost - $76 Million
- Summer 2010 – Fall 2012
- LEED Silver Certification
- Design – Bid – Build

Site Map

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Earthquake Scaling

- Earthquake history records were selected and scaled for a nonlinear time history analysis
  - Recommendations from FEMA P695
  - Scaling was done for the response of the building in Sacramento, CA

Normalized Accelerations

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