

## Penterra Plaza – Denver, CO

**Contractor:** Reconstruction Experts

**Project Scope:**

Physically inspect every weep hole and brick tuck pointing location of the exterior façade. Perform leak and pressure tests on every window fitting of the entire building, and complete corrective glazing work on failed windows.

**Challenges:**

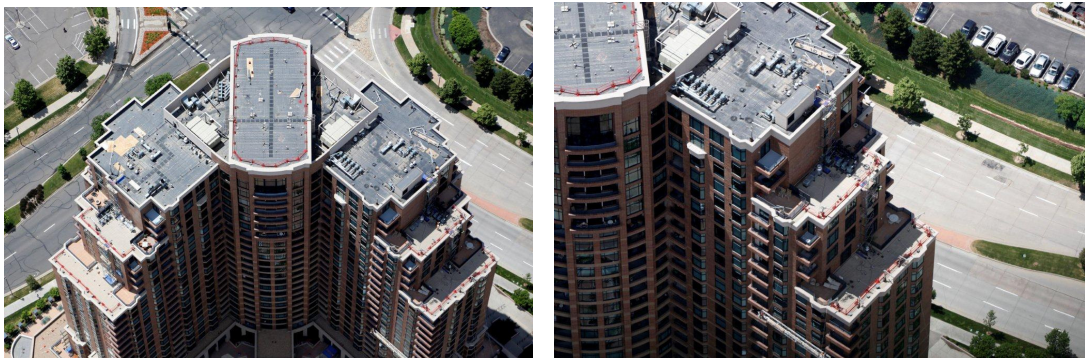
- 280 ft tall building with multiple terrace locations that did not have parapets that met OSHA code
- Since transferring equipment through the building was logistically impossible & the work occurred at multiple elevations, equipment needed to be transported back and forth to the terraces.

**Solution:**

Over 750 linear feet of SpiderRail™, Spider's temporary guardrail system, was used to provide OSHA-compliant fall protection along the edges of the building. Seven modular platforms ranging in length from 20-35 ft and powered by Zmac® hoists, twenty davits, and custom engineered davit adapters provided access for the contractors to complete their inspection and repair work to the windows & façade. A 170T hydraulic crane was used to load the equipment onto the building.

Spider was involved in all of the safety planning for this project and provided Competent Person Training for all of the mason workers, glaziers and general contractors utilizing the equipment.

Spider was the only local swing stage company that could provide the high volume of rental equipment, custom fabrication and engineering, and extensive training to this high-end commercial and residential building. After more than 90 days into the project, there have been no incidents or injuries.



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**About Spider:**

Founded in 1947, Spider, a division of SafeWorks, created the powered suspended access business by introducing the well-known Spider basket. Since then, our product and service offering has expanded greatly to serve the needs of an ever-growing marketplace. Spider is the largest manufacturer and distributor of access and safety solutions in North America, serving more customers from more locations with a wider variety of products and services than any other company. From baskets, traction hoist and platform rental, to safety and training, to specialty-engineered products - Spider has a strong team of professionals, along with a national network of sales, service and support capabilities to provide you with the most reliable access solutions available.



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