Case Study 1: Waterproofing

Marseilles Apartments, Section 8 Housing - New York City, NY

Contractor: BSK Restoration

Project Scope:
Install waterproofing and ice shield protection to the building's exterior

Challenges:
The older, historical building style with a steeply pitched roof posed several access problems:

- It was not possible to position outrigger beams on any portion of the pitched roof.
- The distance between the parapet wall and the edge of the roof was in excess of 13 ft (4 m).
- The pitch on the corners of this building also wrapped the ends of the building, preventing access from 15 ft (4.6 m) of each end of the building.

Solution:
Spider engineered two modular platforms 51 ft (15.5 m) long with 15 ft (4.6 m) of cantilever and walk through stirrups to overcome the access challenges. The platforms were powered by four SC1000 traction hoists with pendants.

Spider's New York team set the customer's mind at ease by helping them file the drawings and cantilever charts with the NYC DOB to secure their permits and being on-site to set up the equipment and ensure the contractors were comfortable with the operation.

Spider's cantilevered solution enabled BSK Restoration to complete their project on time and within budget, compared to their only other viable option of pipe scaffolding which was expected to extend the project an additional 4-6 months.

Check out the products featured in this case study:

Modular Platforms - pages 70-71
Walk Thru Stirrup Assy - page 73
SC1000 Hoist - pages 26-32