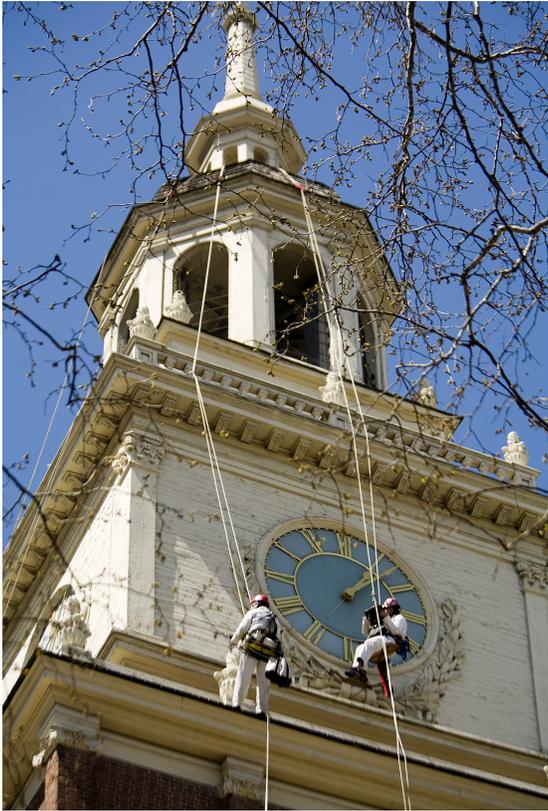


PROJECT PROFILE

Independence Hall Tower Independence Nat'l Historical Park Philadelphia, PA

VERTICAL
access



Original architect

Edmund Woolley and Ebenezer Tomlinson (*tower base, completed 1753*) and William Strickland (*steeple, completed 1828*)

Building owner

National Park Service

In collaboration with

- Bargmann Hendrie + Archetype, Inc., prime consultant
- Keast & Hood Co., structural engineer
- 1:1:6 Technologies, Inc., architectural conservator
- Bruce E. Brooks & Associates, MEP engineer

Building description

The Independence Hall Tower today is an iconic symbol of both the first steps in the founding of the United States and of early efforts to preserve the cultural heritage of the nation. The Tower consists of a square masonry base, engaged on its north façade with the main block of Independence Hall, on top of which rises a wooden steeple. The steeple, designed and constructed in 1828 to recall the original wooden tower steeple, consists of a square clock level and cupola base, an octagonal cupola which serves as the Tower belfry, a smaller octagonal lantern and shingled spire section, and finally the wrought iron and sheet metal weathervane assembly at the top of the Tower. Although the Baroque/Gibbsian and Georgian architectural elements of Independence Hall and the adjoining Tower reflect mainstream English design fashions of its time, the historical events associated with the structure are more closely connected to the revolutionary beginnings of the United States. As such a powerful symbol of American historical and political events, Independence Hall and its Tower have been the focus of numerous preservation plans, including one of the first large-scale restoration projects undertaken in the rebuilding of the steeple and numerous subsequent repair and stabilization campaigns. The documentation and assessment of the Tower performed by Vertical Access was undertaken as part of a historic structure report developed in preparation for the continued preservation of the Tower's structural, material and mechanical systems.

Scope of work

- Investigated and documented existing condition of exterior masonry, wood and metals at tower base and steeple.
- Provided live-feed video to project team during inspection of exterior envelope.
- Procured mortar, paint and sealant samples for analysis by others.



Photos by Jon Reis/PhotoLink