

REFERENCE

TENSION ROD SYSTEMS M56, M64, M24

Treetop and time Travel Pathway, Heilstätten

PROJECT DETAILS

Brief description

Reinforcement of the triple-strap steel frame construction at the individual levels by a wind bracing design with the tension rod systems M56, M64 and M24

Data system elements

System sizes M56 M64 as bracing with cross-bushing

System size M24 as vertical installation situation for retention of the stairway

Country, Year

Germany, 2015

DESCRIPTION OF PROJECT

On the site of the Beelitz-Heilstätten monument, unique worldwide for its natural and cultural features, a treetop and time travel pathway is under construction in the treetop of the 200-year-old forest park. The salient feature of the Heilstätten park will be the architecturally fascinating steel lookout tower. Barrier-free access is ensured by the integrated elevator within the steel tower that allows one to reach the various levels in comfort. Two further observation platforms offer visitors interesting perspectives. The 620m-long pathway through the treetops enables completely new views over one of the largest nature reserves in Germany.

SOLUTION

At the moment the lookout tower is under construction. The triple-strap steel frame design will be reinforced at the different levels by a wind bracing construction with m-connect tension rod systems. For this bracing design too, the economical and aesthetic solution with cross-bushing was decided on. The tower stairway will also be retained by means of m-connect tension rod systems.

