

CONTACTLESS SOLUTION FOR QUEENS SUPREME COURTHOUSE INSPECTION



THE CHALLENGE

The Queens Supreme Courthouse is a stunning neoclassical structure constructed in 1936. It features a facade constructed with Alabama limestone and a grand Corinthian colonnade at the entrance. As the years are taking their toll, the facade is now in need of repair and renovation. Our regular client, who specializes in exterior restoration and renovation, was assigned to survey the facade damage and develop a repair plan.

As the shape of the building's roof makes suspended scaffolds unacceptable and drilling into the building with pipe scaffolds poses a high risk of further wall damage, Alpha Platforms was called to provide a solution.

Our extreme-reach aerial platforms offer a contactless solution for inspections of various hard-to-reach places and are especially valuable for fragile or historic buildings like the Queens Supreme Courthouse. This allows our clients to conduct thorough sounding, scanning, and taking measurements while also prioritizing safety and avoiding any further damage to the building facades.

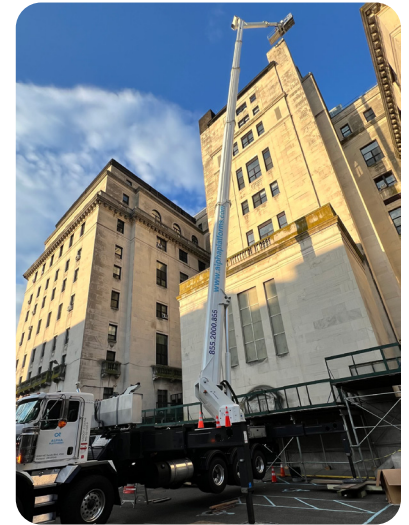
THE SOLUTION

To inspect the delicate facades, we deployed our second-tallest 250-ft boom lift. Despite the challenging task at hand, we managed to complete the project in just two days. Our IPAF-certified operator squeezed a 12-ft lift cage between the columns to get close access to inspect almost the entire attic from one setup location. The 270-degree basket's precise maneuverability and sturdy platform ensured the inspector's stability and comfortable work at different heights. The 60-ft jib boom allowed the inspector to reach all hard-to-access places that other lifts couldn't reach. Leveraging the lift's extreme 130 feet of side-reach capability, the inspector was able to conduct all sounding, examining, and scanning with only two lift setups per façade!



THE OUTCOME

Alpha's team provided an efficient and safe height access solution for the client working on both facades to plan for further repair and restoration with ease. **The 250-foot truck-mounted lift emerged as the perfect contactless solution, meeting the demands of this inspection project flawlessly.** As a result, the Alpha team was able to finish the entire inspection on the second day. Once again, the client expressed high satisfaction collaborating with Alpha Platforms.



Our precise German-made lifts and an [all-inclusive operated rental service](#) are the height access method of choice for hard-to-access structures or at extreme heights, as they combine unmatched productivity with [safety](#) and comfort.



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