

Lockheed Martin Space Fence Project

199 Borton Landing Road
Moorestown, New Jersey

Disciplines Utilized

- Site Plan Design
- Boundary Survey
- Topographic Survey
- Storm Water Analysis and Testing
- As-Built Survey
- Planning Board Testimony

Site Size

1.0 Acre

Project Status

Complete and Operational

Special Permitting

NJDEP, Moorestown Planning Board
and Department of Defense

Robert R. Stout, PE, CME, LS,
Mark Malinowski, Fran Reichelt



Photo by Lockheed Martin.

DESCRIPTION

In close conjunction with Lockheed Martin, Stout & Caldwell Engineers provided comprehensive civil engineering and surveying services for the company's Space Fence project. According to the company, Space Fence will permit the detection of much smaller microsattellites and debris than current systems. Additionally, the design will significantly improve the timeliness with which operators can detect space events, which could present potential threats to GPS satellites or the International Space Station. The flexibility and sensitivity of the system will provide coverage of deep space geosynchronous orbits while maintaining the surveillance fence. Other key partners included the Department of Defense and Moorestown Township.

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Partners:

- Lockheed Martin
- Moorestown Planning Board
- Department of Defense



Photo by Lockheed Martin.