

# Project Overview



## *NY Giants Practice Facility*

**Project/Property Type:** Professional Sports Indoor Practice Facility

**Hance Construction Role:** Butler Pre-Engineered Steel Design & Erection

**Architecture Firm:** Ewing Cole, Philadelphia, PA.

**Project Specifics:** A massively-scaled and highly visible project, Hance Construction, Inc. managed the design, fabrication and steel erection for this indoor practice facility, the latest addition to the Meadowlands Sports Complex in Secaucus, NJ. The one-story facility measures 214 feet across, 407 feet long and 95 feet high at the peak. It also includes two ancillary areas with bathrooms and other service facilities.

### **Project Challenges...**

Although project timelines and budget are always of great concern to Hance Construction, Inc., safety must always be the paramount concern, particularly in a project like this one which is fraught with risk. Safety was ensured by thoughtful planning, innovative approaches, and the stringent implementation of strict safety procedures and methods.

### **Special Features...**

- In the interests of both safety and productivity, two 65,000 pound modular units were first assembled on the ground. Then, the units were carefully lifted and placed together by two industrial cranes in a carefully orchestrated dual lift. This approach ensured that workers were doing the largest amount of assembly 10 feet off the ground rather than suspended nearly 100 feet in the air. The lift itself was potentially dangerous, requiring 470,000 pounds of counterweights to ensure stability of the cranes. Hance Construction, Inc. worked closely with their structural engineer to provide a second confirmation of the planned lift. Copious research into the leading causes of crane accidents was also conducted—all to ensure the resulting accident-free lifts.



- During erection, all workers used “full tie-off” procedures—wearing safety harnesses tethered to safety cables at all times. All of the safety cables were pre-strung while the modular units were still on the ground, in an effort to eliminate work done in the air as much as possible.
- When workers were on the roof, they were protected from the dangerous phenomenon of “leading edge” falls by “Sky Web”—an insulation-retaining system that further acts as a safety net.



*“Tailored Construction Services”*

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