



TopGolf

PROJECT TYPE

Prefabrication

ELECTRICAL CONTRACTOR

Facility Solutions Group (FSG)

FSG delivered a safer and more efficient transformer installation by shifting a complex double-stacked system to full prefabrication.

Executive Summary

FSG Electric in San Antonio utilized the FSG Prefabrication team to support the construction of a new Topgolf facility in New Braunfels. Led by Project Manager Carlos De La Cruz and Foreman Steven Pedraza, the team identified that installing two large transformers in a tight electrical room would create significant challenges in the field. The space required a 150 KVA transformer with a 112.5 KVA unit mounted directly above it, which made maneuvering and lifting the equipment on site difficult and labor-intensive.

To eliminate those risks, work was shifted to FSG's Prefabrication shop, where the Prefab team built a custom steel rack, mounted both transformers, and completed pre-wiring in a controlled environment. The fully assembled system, weighing more than 2,000 pounds, was shipped on a flatbed and safely set directly into the main electrical room. Using FSG Prefabrication greatly reduced on-site handling, minimized installation risk, and improved overall quality and efficiency.

Project Highlights

- Identified a tight electrical room as an opportunity for prefabrication
- Built a custom steel rack for a double-stacked 150 KVA and 112.5 KVA transformer system
- Completed all assembly and pre-wiring in the Fab Shop
- Delivered a fully assembled, ready-to-install transformer package
- Safely set a 2,000-lb system directly into the main electrical room
- Reduced on-site labor, safety risk, and installation time