

Project Profile

General Electric Co. State of New York

End Use:

Corporate Hangar

Client:

General Electric Co.

Size:

282' x 224' x 50'

Office: 46' x 224' x 27'

Pump House: 25' x 60' x 13'



Butler Heavy Structures supplied the structural steel design and materials for this striking 75,000 sq. ft. corporate hangar facility located north of New York City.

The 282' clearspan was accomplished with a bow string truss system that bends on a 450' radius. The braced frame structure allowed the use of shallow perimeter columns and eliminated the large horizontal loads at the foundations typically found on traditional rigid frame structures.

The attached three-story office complex was framed conventionally and was a 4:12 roof slope to create an equipment screen which hides the roof mounted units from view. Both the office and hangar are flooded with natural light supplied by translucent wall panels in the hangar and a Vistawall curtainwall system in the office.

Both the Vistawall system and the custom color MR-24® standing seam roof system are manufactured by Butler.

Butler Builder®: Bette & Cring, LLC

