



PROJECT SUMMARY: Allstate Greenfield Data Center

MECHANICAL, INC.
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CAPABILITIES:

- HVAC PIPING
- PLUMBING
- SHEET METAL SERVICE

INDUSTRIAL PROCESS PIPING

WATER AND WASTE WATER TREATMENT PLANTS

PIPE FABRICATION

COMMISSIONING

AQUATIC CENTERS

RENEWABLE FUELS

CAD/BIM

MEDICAL GAS

RETRO-COMMISSIONING

INDUSTRIAL TRADES

DATA CENTERS

Customer: Allstate Insurance
1425 Dement Rd.
Rochelle, Illinois 61068
Ken Stewart, Plant Mgr

Contract Amount: \$5,500,000

Location: Rochelle, IL

Mechanical Inc was the selected Mechanical Contractor for new Allstate Greenfield Data Center 75,000 square foot Project in Rochelle Illinois.

Mechanical was responsible for all HVAC, Process Piping and Plumbing. This included installation of 3 Carrier screw type 450 ton chillers, 20 Liebert 45 ton CRAC (Computer Room Air Conditioning) Units and 9 Liebert 15 ton CRAC units. Also included for this project were 6 Evapco Fluid Coolers needed to process the chiller condenser water.

This project was a 100% full BIM Project with all MEP trades submitting 3D Models which were then unified with the architectural and structural Models. Navis Works software was used to coordinate, analyze and resolve all conflicts prior to construction.

Utilizing the 3D Virtual Model Mechanical's CAD Dept. generated highly detailed installation drawings for use in the field. Use of the 3D Model also allowed Mechanical to prefabricate all piping spools at our Freeport Fabrication Facility saving both time, material handling and storage on site.

