



Golden Eagle Distributing Company: Mount Pleasant, IA

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PROJECT DESCRIPTION

Client: Golden Eagle Distributing Company

Project: New Construction Conditioned Warehouse

General Contractor: ARCO National Construction Company, Inc.

Floor Area: 80,000 sf warehouse and office, 10,000 sf recycling building

Construction Schedule: Eight months

PROJECT APPROACH

Design/Build

ROLE

Engineer of Record

ENERGY

\$72,092 Federal Tax Deduction (EPAc)

PROJECT CHALLENGE/SOLUTION

Wiegmann was challenged to design an HVAC system for Golden Eagle Distributing Company that not only met their unique load and precise temperature requirements, but also was energy efficient and reliable.

Our solution featured high efficiency packaged rooftop equipment complete with variable speed drives on the supply fans for the 60F warehouse, a VAV system for the office spaces, and Freon refrigeration systems for the 34F draught cooler. We performed energy modeling and analysis to document that the building qualified for a federal EPAc tax deduction.

PROJECT SCOPE

Furnished and installed:

- Packaged Rooftop Equipment
- VAV/FTU Boxes for Office Areas
- Split Freon Refrigeration Systems
- Fans
- Delta Control System with Customized Graphics

