



Beverage Distribution Facility: North Carolina



PROJECT DESCRIPTION

Project: New construction distribution center, office and maintenance building

Construction Schedule: Completed Fall 2019

PROJECT APPROACH

Design/Build

ROLE

Engineer of Record (EOR)

HVAC Mechanical Contractor

PROJECT SCOPE

Wiegmann Associates designed the heating and cooling systems to meet the strict temperature requirements of the 110,000 sf fully conditioned warehouse as well as the 30,000 sf, 2-story main office area.

Wiegmann also designed a Split DX Refrigeration System to create a 12,500 sf, 35-degree cooler. The design achieved the client's goal of a cost-effective and energy-efficient HVAC and refrigeration system.

PROJECT CHALLENGE

The different types of spaces required a variety of temperature and relative humidity design requirements. Coordination between trades was essential to ensure a smooth build on this project. ARCO's preliminary review process and coordination meetings allowed the project to be a success.



CONSERVING ENERGY BY DESIGN