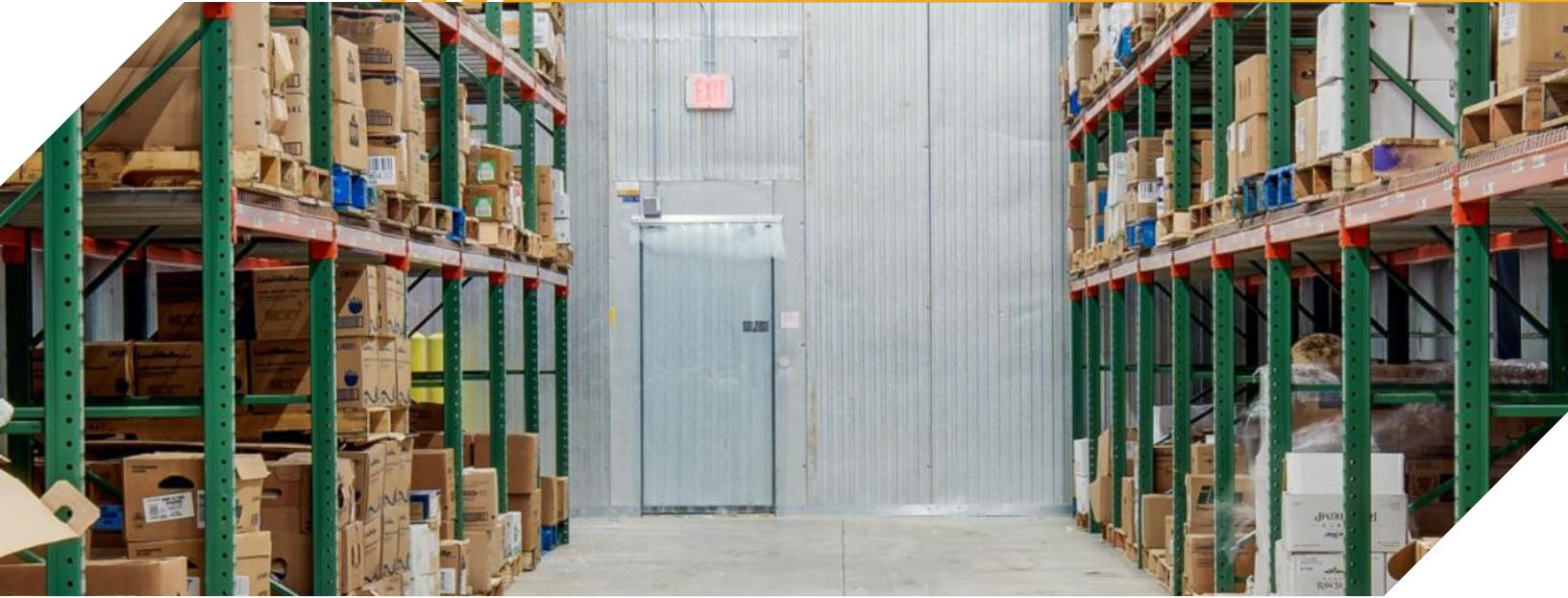


WAGNER FOODSERVICE



Everidge's Approach for a Maryland-based Food Reseller

A smaller, yet rapidly growing, food reseller in Maryland needed to expand their frozen space. The project required a unique and practical solution, especially with the addition of a below-grade freezer box.

The main challenge was to ensure that the new flooring of the walk-in freezer was level with the existing warehouse floor, allowing for smooth forklift movement. Additionally, managing water freeze was complex and critical due to the below-grade installation, requiring a solution to prevent frost heave and maintain optimal operational conditions.

A comprehensive plan was created to address these challenges: An innovative water management system was designed to effectively repel water from getting inside the freezer. An insulated concrete floor was installed to mitigate frost heave risks and ensure temperature stability. The concrete slab was heated and incorporated state-of-the-art frost heave protection to maintain structural integrity.

The solution was a ThermalRite by Everidge cold storage system with 5" foam rail walls and ceilings to enhance the R-factor and maintain consistent freezer temperature control. Three HeatCraft 54HP systems were installed, each paired with multiple high-performance evaporator refrigeration systems to keep up with the cooling demand and offer backup cooling if needed for efficient cooling and temperature regulation.

The successful implementation of this well thoughtout design allowed the food reseller to expand their warehouse space efficiently, ensuring smooth operations for current demand and future growth.

The client selected ThermalRite by Everidge due to their capability to meet the height requirements and their exceptional single span walls and ceilings, which can extend up to 25 feet in length.

Project Information

Building Type

Foodservice Warehouse

Project Type

Panel Freezer Addition

Year of Install

2024

Size (H x W x D)

143' x 25' x 24'

Number of Sq. Feet

3,575

General Contractor

Brown Contracting

Local Sales Representative

Schmid-Wilson Group
Arbutus Refrigeration

Everidge Regional Sales Manager

Marshall Brown