



Project Summary Sheet



Project Objective

Banner Wholesale Grocers had outgrown its previous multi-story facilities and had leased a newly-constructed high-cube warehouse. Although a preliminary design had been completed by a consultant, Banner felt it needed additional assistance on this project. Banner's initial design was outside of the estimated budget, and details such as elevations and profiling had not been developed at all. DAK E & E redesigned the floor plan to reduce the amount of pushback rack used and increased floor storage locations - resulting in high cost savings while sacrificing selectivity slightly. The move schedule required installation at a union worksite with a non-union installation crew, which was accomplished by working closely with the building contractor. Other objectives included increased productivity and efficiency, reduction in order picking costs, and providing high density storage.

Project Scope

The scope of this project included refining the work done by a consultant and developing elevations and profiles of the storage systems. This included a redesign of the dry storage areas and complete design of the freezer and cooler areas. DAK E & E supplied all equipment, coordinated and performed all installation, and provided additional advice on stock locations, order picking routes, and freezer and cooler construction. Customer required certain design changes midway through the project, which were accommodated, and ordered additional racking systems upon completion of the primary project.



Push back rack system, 3 deep by 4 high, Interlake



Project Data

Distribution Center for Wholesale Grocery Industry

- Building Square Feet: 100,000
- Selective Pallet Positions: 3,424
- Push Back Pallet Positions: 1,152
- Carton Flow Lanes: 1,890
- Total Pick Faces: 5,698

Interlake Selective Rack System, Interlake Push Back Rack System (3 deep, with roll-formed frames and structural beams and rail/cart system), Nashville Wire Deck, Unex Span-Track carton flow lanes. Guard rail to protect all row ends.