

**Best Conversion
(converting former building to
new supermarket)**

Form and Function

ShopRite of Burlington, Blackwood, N.J.
Store Owner: Eickhoff Family Supermarkets
Design Firm: Cold Technology



Sparks of Inspiration

The project consisted of taking a former 110,000-square-foot Kmart and razing approximately 20,000 square feet to accommodate the new ShopRite store's receiving facilities, while overhauling the entire shopping center — including a new parking lot and site utilities, as well as an entrance drive from the bypass that leads into the shopping center — to result in a magnificent state-of-the-art supermarket.



Distinctive Design Elements

From an engineering perspective, the store offers cutting-edge features throughout, particularly its refrigeration, HVAC, lighting, power distribution and control systems. The refrigeration system design features electronic expansion valves, electronically commutated motors, LED lights, digital compressors, and variable-frequency drive for condenser fans. The HVAC system design employs a distributed methodology featuring desiccant dehumidification, concentric duct units with reheat, and individualized room control for all back-office facilities. Smart circuit breakers are incorporated into power walls for each electrical room. Lighting uses a high-contrast layered design method that's nearly 100 percent LED, while the store's power distribution system features accommodations for a co-generation process that will provide the entire store with full-generation capability in the event of a power loss.



Differentiation Devices

The store features an expansive prepared food program with such elements as separate sushi, Asian, soup and salad bars, along with a hot food bar for traditional fare and fire-grilled, fried and rotisserie chicken. The full-service deli department offers an extensive selection of store-made entrées and salads, while the in-store bakery — complete with its own "doughnut robot" — is in close proximity to the stunning fresh seafood and produce departments. Also providing well-stocked conventional departments with a large variety of meat, dairy, frozen and grocery, ShopRite of Burlington boasts a full-service beer, wine and liquor department in the center of the store, where a large variety of cigars is housed in a custom humidor. Among the store's services are a drive-through pharmacy department, a shop-from-home pickup department and an on-site nutritionist.

