

Kroger S

Dallas, Texas.

Space type: Supermarket / Grocery
Area: 60,969 sf

Energy Use Intensity (EUI) =
Percent CO₂ reduction =
ENERGY STAR design rating =

475 kBtu/sf/yr
38%
96

Annual Savings Statistics
(Compared to an average building EPA rating of 50)

Energy Savings =
CO₂ Savings =

17,423,474 kBtu
872 metric tons CO₂/yr

Design Features

DAYLIGHTING THROUGH SKYLIGHTS WITH LIGHT-SENSING CONTROLS.

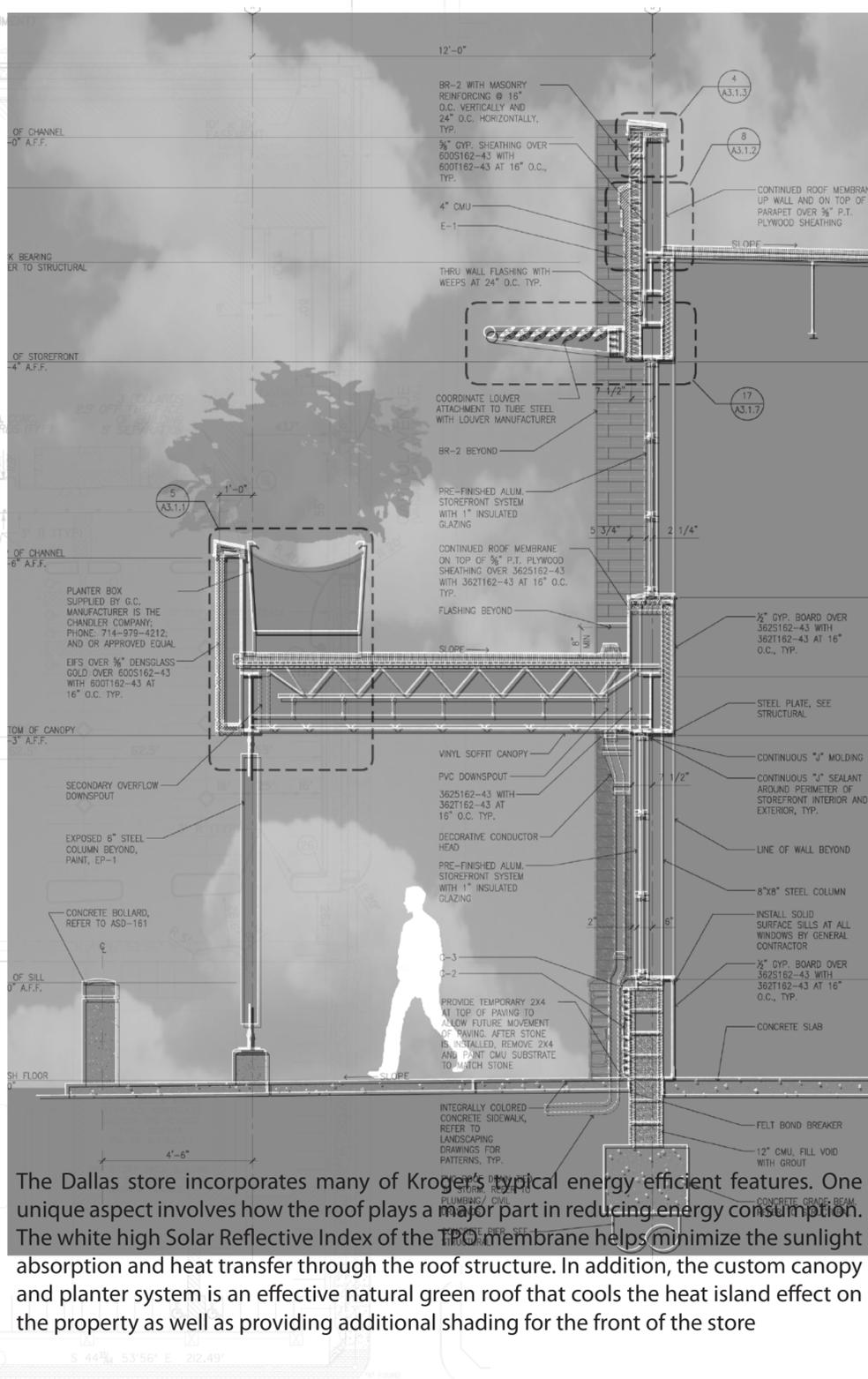
HIGH-EFFICIENCY HVAC AND WATER HEATING EQUIPMENT.

COOLER/FREEZER REFRIGERANT HEAT RECLAIMING SYSTEMS.

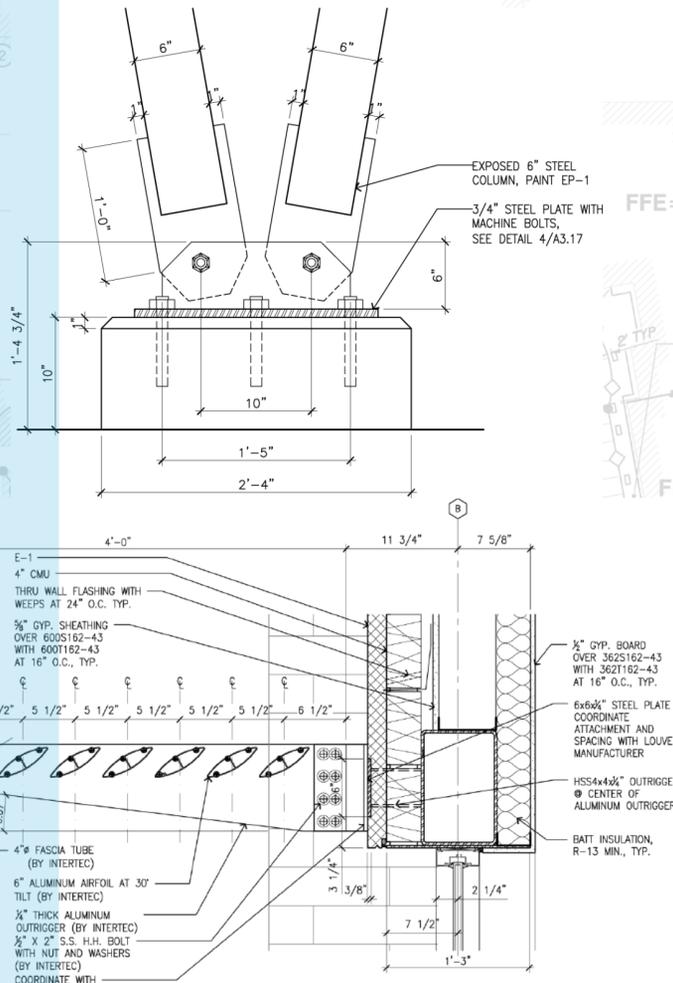
HIGH EFFICIENCY/LOW WATER CONSUMPTION PLUMBING FIXTURES.

LOUVERED AWNINGS FOR DIRECT LIGHT PROTECTION OF LARGE WINDOW OPENINGS.

**REFLECTIVE ROOF MATERIALS
ROOF PLANTERS FOR HEAT ISLAND EFFECT REDUCTION AND SHADING.**



The Dallas store incorporates many of Kroger's typical energy efficient features. One unique aspect involves how the roof plays a major part in reducing energy consumption. The white high Solar Reflective Index of the TPO membrane helps minimize the sunlight absorption and heat transfer through the roof structure. In addition, the custom canopy and planter system is an effective natural green roof that cools the heat island effect on the property as well as providing additional shading for the front of the store



energy **DESIGNED TO EARN THE ENERGY STAR**
The estimated energy performance for this design meets US EPA criteria. The building will be eligible for ENERGY STAR after maintaining superior performance for one year.



ROBERTSON LOIA ROOF ARCHITECTS & ENGINEERS