



Case Study Denton County Transit Authority

PROJECT SPECS

MBCI Products: CF Architectural, FW-120, 7.2 Panel

Location: Denton, TX

Color: Stucco White, Silver Metallic, Snow White

Coverage: 5,000 sq. ft.

Architect: Huitt-Zollars Architectural Firm, Fort Worth, TX

Roofing Contractor: Crown Contractors & Commercial Resources, Fort Worth, TX

General Architect: Ratcliff Constructors, Addison, TX

WHY MBCI?

MBCI provides customers quality metal products, superior service and competitive pricing. From a single manufacturing facility in 1976 to now the largest metal roof and wall panels' supplier in the nation, MBCI has grown tremendously with its customers' needs in mind. MBCI manufactures more than 90 different metal panel profiles, as well as performs meticulous testing and offers complete engineering and design capabilities, allowing MBCI to be capable and committed to supporting both the design and contractor communities from project conception through project completion.

Since being founded in 2002, the Denton County Transit Authority (DCTA) in Denton, Texas, has expanded to provide services to Highland Village and Lewisville. In addition to the surrounding cities, DCTA also operates nine shuttles to serve University of North Texas students as well as the A-train, a regional commuter rail line to Carrollton.

PROBLEM

When the DCTA was in need of a new facility to support the rapid growth of buses, environmental consideration was crucial to continue their efforts to save fuel and eliminate carbon dioxide emissions. The current buildings were old and costing the DCTA too much to maintain. That is why maintaining the new facility while planning for growth in the future were two of the main focuses for the DCTA.

SOLUTION

To help achieve sustainability and durability, DCTA used insulated metal wall panels and single skin metal roof and soffit panels manufactured by MBCI. DCTA's new facilities, which consist of two new offices in addition to their maintenance and fueling building, incorporated a total of 5,000 square feet of metal panels.

MBCI supplied 1,300 square feet of CF Architectural insulated metal wall panels in Stucco White, 1,200 square feet of 7.2 exposed fastening panels in Silver Metallic and 2,500 square feet of FW-120 concealed fastening panels in Snow White. Each panel was 24-gauge.

The CF Architectural panel is an insulated metal panel manufactured for horizontal applications. It has a flush appearance that provides a monolithic look that stands the test of time while keeping energy costs low. The 7.2 exposed fastening panels were used for its versatility and functionality, making it an excellent choice for this project. The FW-120 concealed fastening panels provided a flat appearance and have been tested by a certified independent laboratory in accordance with ASTM test procedures for Air Infiltration and Water Penetration.

Huitt-Zollars Architectural Firm, based in Fort Worth, designed the project and Greg Parks with Crown Contractors in Everman, Texas, worked as the general contractor.