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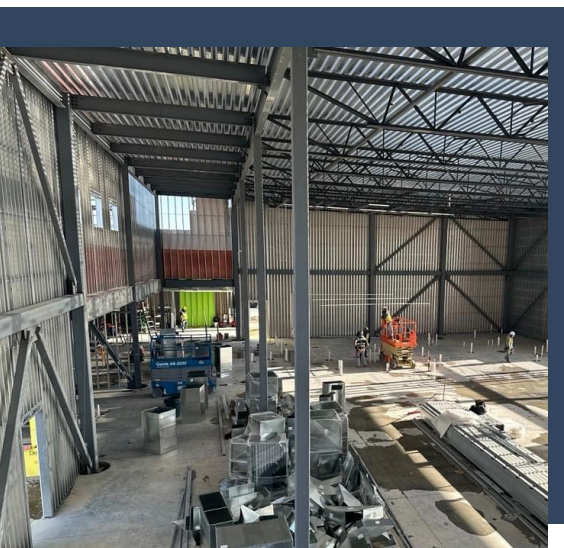
PLANO, TX



EDUCATIONAL FACILITY FOR ADULTS WITH INTELLECTUAL AND DEVELOPMENTAL DISABILITIES

This project involved the construction of a modern educational facility designed to expand opportunities for adults with intellectual and developmental disabilities. The completed building features an inviting interior environment and a contemporary exterior aesthetic, creating a welcoming space that supports learning, community engagement, and long-term growth for the organization.

Cold-formed steel (CFS) framing played a key role in achieving the project's structural and architectural goals. The design incorporated heavy-gauge, wide-flange steel studs throughout the building, particularly in areas with lofty ceiling heights. This framing approach provided an efficient installation process while maintaining the structural integrity required for large open spaces. The use of heavy-gauge wide-flange studs in combination with bypass framing clips maximized the strength-to-weight ratio of the framing system, delivering a durable and economical solution without adding unnecessary structural weight.



The project was executed using a conventional installation method and did not require specialized means or methods. Installation proceeded smoothly with no significant field conflicts reported. Accurate material deliveries, proper coordination, and effective project management contributed to an efficient construction process and maintained schedule performance throughout the project. Scissor lifts were utilized to access elevated deck heights during framing operations.

From a manufacturing perspective, custom-length cold-formed steel studs were produced to accommodate the tall wall heights within the dining area. These long-length members were critical to achieving the desired architectural design while improving installation efficiency by minimizing field modifications. Precise fabrication and material sourcing ensured accurate dimensions for the building's significant exterior and interior wall heights, reducing labor and maintaining quality standards.

The original design provided an effective and straightforward solution for the project goals. The building incorporates design elements that support operational efficiency, including expansive natural lighting within the dining area that helps reduce daytime electricity consumption. The completed facility has high-quality alignment and finishes, combined with an attractive and functional design, resulting in a project that met performance expectations while creating a welcoming educational environment.

PROJECT AFFILIATES

Architect: HKS, Inc.

General Contractor: Scott + Reid

Engineering Firm: AG&E Structural Engenuity