

Operating Engineers 324 Training



a **NUCOR** company



LOCATION

Howell, MI

SIZE

90,000 sf

WALL SYSTEM

Reverse R-Panel

Warm White

ROOF SYSTEM

Nucor CFR

Slate Gray

BUILDING END-USE

Technical Education Facility

Operating Engineers 324 Training Center embarked on a major expansion project to construct a training facility and indoor arena on their 460-acre site. The 90,000 sf addition connects to the existing Construction Career Center, offering a state-of-the-art, year-round indoor space where construction equipment operators and technicians can train safely in all weather conditions.

The expansion consists of seven pre-engineered metal buildings that include classrooms, a mechanics shop, a storage area, and a truck wash bay. The lean-to mechanics shop is outfitted with advanced equipment, lifts, and cranes to support both apprentice and journeyman-level training. The facility was designed around six-foot-high exposed battered wall foundations, forming a fortified perimeter to protect against equipment impacts during operator training. A metal building system was chosen for its cost-effectiveness in achieving the required 180-foot clear span and 38-foot clear height. The collaborative design-build approach successfully met all performance, budget, and timeline goals.