

PROJECT DATA

GM GLOBAL COMPUTER CENTER – SOUTH VEC COMPLEX

WARREN, MI

Client

Global Computer Center
30009 Van Dyke
Warren, MI 48090
586.575.5169

Architect

Arcadis
25200 Telegraph Road
Southfield, MI 48034
Richard Krenz
248.936.8000

Size

19,200 sf

Cost

\$4,365,000

Date Completed

June, 2002



The Global Computer Center is an addition and renovation of the existing Center at the General Motors Technical Center in Warren, MI. This project though small in area is actually a construction logistics challenge. In addition to coordination with other contractors and projects taking place onsite, JM Olson has to carefully coordinate mechanical and electrical shutdowns, which if done improperly, can disrupt all of GM's computing operations coming into and leaving the Tech Center. A staggering thought when you consider the fact that the Tech Center is linked to GM Operations across the globe. In addition, lay down areas and site access points are limited, thus creating the need for proper planning of material deliveries and coordination of subcontractor work areas.

Project specifics include the renovation of basement space into a mechanical and computer operations support area. Mechanical installations include a new glycol system with roof mounted dry-coolers, AC units, modifications to the existing fire protection systems and a double containment system on substation room piping. Electrical upgrades include a substation, battery and pump rooms which consist primarily of the installation of substation equipment, mega watt generators, back-up generators and pre-cast concrete cable trench.

