

Visteon Corporate Village Center

One Village Center Dr
Van Buren, MI 48111



General Information:

Function: Office and laboratory work areas, gathering spaces, and cafeteria
Size: 130,000 gsf
Height: 64' above grade
Overall Project Cost: \$85 Million
Construction Dates: 2002- December 2004
Delivery Method: Design-Build

Project Team:

Owner: Visteon Corporation
General Contractor/CM: Walbridge Aldinger
Architects/Engineers/Master Planning: SmithGroup
Geotechnical Consultants: Somat Engineering
Testing and Inspection: SME Consultants

Architecture:

- Pressure-bar type glass curtain wall system
- FBX face brick or split face CMU exterior masonry walls
- Factory foamed insulated metal panelling system constructed in a board and batten style
- Extruded aluminum window and door framing
- UL listed class A continuous panel metal roofing system

Structural System:

- Friction steel H-Pile deep foundation system
- Two-way reinforced slab on grade
- Structural steel framing
 - Wide flange columns
 - Wide flange girders and beams
 - Typical bay sizes of 20'x20' and 40'x20'
 - Steel moment frames to resist lateral loads
- Composite slab floor and roof system
- Pre-engineered steel structure at penthouse level

Mechanical Systems:

- Under-floor air distribution system (UFADS)
- Dedicated VAV/reheat laboratory exhaust system for Chemistry wet labs
- Natural gas fired 4-pass fire tube boilers
- Water-cooled electric centrifugal water chillers with plate and frame heat exchangers

Lighting/Electrical System:

- Single 13,800 volt, 60 Hertz primary feeder
- 1000kw and 350 kw 480y/277 volt emergency backup generators
- General office areas, conference rooms and laboratories consist of indirect/direct pendant luminaires with T5 HO fluorescent lamps