

Ridgecrest Plaza Houghton, MI



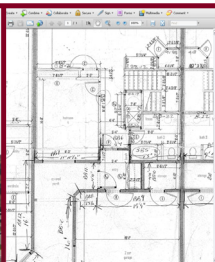
SPECIFICATIONS:

Size: 14,880 sq. ft.
Project Cost: \$2,000,000
Completion: October 2008
Contact: Don Schwenn
Phone: (906) 369-3706

PROJECT DESCRIPTION:

Division1 Design served as the engineer of record for the construction of this new retail center in Houghton, Michigan. The site presented a major challenge to the design team. In order for the site to be useable, over 30 feet of fill material needed to be brought in. An interlocking block retaining wall system was installed around the perimeter of the site to act as a structural barricade for maintaining the new site elevations. With the site design complete and now offering a feasible work area, the building was designed to provide a minimum of four retail spaces. Each unit was designed with a unique façade, creating separate looks for each space. The spaces were design from 1,500 square feet up to 5,000 square feet.

ENGINEERED TO ENSURE SUCCESS



OUR SERVICES

Pre-Planning
Feasibility Studies
Site Analysis
Permitting
Surveying
Environmental Planning
Zoning

ARCHITECTURAL DESIGN

Master Planning
Conceptual Renderings
Design Drawings
Construction Drawings

ENGINEERING

Geotechnical
Structural
Civil

SUSTAINABLE DESIGN

Green building design as outlined by the U.S. Green Building Council
Brownfield Assistance

CONSTRUCTION DOCUMENTATION

Drawings
Specifications
Proposal forms

CONSTRUCTION PROCEDURES

On-site QC Inspections
Submittal Review
As-built Drawings
Cost Review

PROPERTY SURVEYING

Land Divisions
- Lot Splits
- Site Condominiums
- Platted Subdivisions
ALTA Land Title Surveys
Mortgage Surveys
Legal Descriptions

DESIGN/ENGINEERING SURVEYS

Topographic Surveys
- Site Design
- As built locations
Floodplain & Wetland Mapping

STAKING

Site Grading
Underground Utilities
Building Layout
Roadway Staking
GPS Machine Control
- Terrain Model Preparation
- Orientation and initialization of machine control equipment to site