

Heavy Equipment Maintenance/Storage Building with Offices *Vandalia, IL*



Midwest Easement Services is a family-owned business that maintains and manages rights-of-ways for utilities, pipelines and railways. They began with just two employees and two machines, and grew quickly in just a few years, today serving clients across the country. That rapid growth created a need for a new facility with offices for their growing staff and storage


space for large equipment. Construction started in the fall of 2015. The office interior incorporates a rustic design with a reclaimed wood accent wall, beautiful wood floors throughout, earthy paint colors and a built-in barn wood and stone reception desk. The main shop area has concrete floors, with space for large equipment maintenance and storage.


Project Details

Building Size:	Office - 3,200 sq ft; Shop - 4,700 sq ft
Geothermal Equipment:	GeoComfort Navigator Series (2-ton) and GeoComfort Compass Series Water to Water unit (5-ton)
Loop Type:	Horizontal, racetrack full pit style
Installation Date:	May 2016
Installation Details:	Although there is radiant heat, there wasn't a buffer tank used to save on installation costs. An outdoor reset was also added. The shop area is divided into two sections, with the back section used for dry storage only. Only the front portion is currently conditioned.
Other Features:	Recycled materials and reclaimed wood are used throughout the office area.
Contractor:	GeoComfort Qualified Contractor, 618-664-9010, www.geocomfort.com

 CONSTRUCTION TYPE
New construction

 SYSTEM TYPE
Forced Air System

 SYSTEM TYPE
Radiant System

 LOOP TYPE
Horizontal Loop

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The building features office space, as well as maintenance and dry storage for heavy equipment.



The maintenance and office areas are conditioned by the geothermal system.



The ground loop system is a horizontal racetrack configuration.