

Carmel West Park New Groves Pavilion

Project Highlights and Results

- Completed initial study to evaluate the feasibility and impact of designing a geothermal heating and cooling system for the building.
- Designed new energy efficient, water source heat pump system to serve the new building with an associated condensing boiler plant and dry coolers.

Project Background

Owner:	Carmel Clay Parks & Recreation
Location:	Carmel Clay, IN
Team/Team Lead:	Adam Sanders, Bhupendra Tailor
Elara Role:	Design Engineer
Type:	MEPFP New Construction
Construction Cost:	\$5,700,000

Project Overview

Building Type:	Multi-Purpose Indoor Pavilion
Building Attributes:	8,000 SF Single-Story
Initial Construction:	1930
MEPFPIT Systems:	Water source heat pumps, condensing boiler plant, dry coolers, hot water radiant, ERV, BAS

