

TAKE CONTROL

A Case Study

At more than a half-mile in length, the Frank Lloyd Wright inspired Domino's Farms Office Park is breathtaking in both size and beauty. The building is home to The University of Michigan Sports Medicine program, Domino's Pizza World Headquarters and many other tenants. The diverse nature of tenants makes for a wonderfully complex culture, and creates unique demands on the building's many systems. From snow melting systems at the building entrances to irrigation that supports all 271 acres of grounds, the DDC control solution provided by SAI takes care of the building inside and out. SAI's system also allows the building to adjust to varying loads avoiding peak demand all while regulating the expansive chilled water loop. The end result is an intelligent and integrated building that runs smoothly with minimal staff.

"SAI's system offers us the freedom to create strategies that greatly reduce energy consumption. We recently added 306,000 sq. ft. to our building increasing the overall size by 48%. Our peak demand, however, only increased by 1%."

-Mark Sondeen
Mechanical Foreman
Domino's Farms

Systems Associates, Inc
is proud to be an
Energy Star Partner



Domino's Farms - Ann Arbor, MI

- ◆ 938,516 total sq. ft.
- ◆ 3,500+ points in the system
- ◆ 271 acre campus
- ◆ World's longest linear office structure
- ◆ World's largest copper covered roof

With a chilled water loop that is literally a mile long, the challenges offered by the sheer size of the system at work in Domino's Farms are many in number. Size alone is not the only challenge, but the needs of the system are made more complex by the diversity of the tenants including:

- ◆ radio station
- ◆ dry cleaner
- ◆ credit union
- ◆ post office
- ◆ test kitchen
- ◆ therapy swimming pool
- ◆ restaurant
- ◆ hair salon
- ◆ fitness center
- ◆ fine art gallery
- ◆ book store
- ◆ petting zoo

Each of the many unique tenants requires specific needs with regard to their comfort. The solution installed by SAI has done well to meet those many needs, all while balancing the additional needs of the building envelope. Domino's Farms is an excellent example of SAI's holistic approach to creating solutions.