

# CASE STUDY MULTISPORT

## OAKLAND YARDS WATERFORD, MI



**APPLICATION:**.....MULTISPORT DOME & DRIVING RANGE  
**SIZES:**.....136' W x 264' L (35,904 SQ. FT.)  
240 W x 300' L (72,000 SQ. FT.)  
**FEATURES:**.....HIGH-TECH CENTER SKYLIGHT SYSTEM  
OPEN-SPAN APPLICATION SUPPORTS MULTIPLE SPORTS

### CHALLENGE

- Economically construct open-span indoor spaces that house indoor golf, soccer, softball, football, baseball, field hockey, volleyball and lacrosse in Waterford, MI.

### SOLUTION

- Two Air-Supported buildings were constructed that each provide enough indoor space to support multiple recreational activities.
- The domes were designed with a heavy-duty fabric membrane and cable system, to eliminate any possible damage from golf ball impact and to help withstand severe winter weather.
- A high-tech skylight system that reduces the need for daytime lighting keeps operating costs down.

### RESULT

- Arizona's domes provide an effective and economical way for Oakland Yard Athletics to offer a variety indoor sports, camps, events, parties and leagues year-round, bringing fun, health and wellness into the Waterford, MI community.
- Local residents can stay active, regardless of cold weather or winter precipitation, and a variety of charity organizations and schools have partnered with Oakland Yards to use the dome for fundraisers and other events.



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