

Suburban Ice Arena

Macomb Township, Michigan



The development consisted of an ice arena with associated parking lot and access drives on an eight-acre site that is part of the Macomb Township Town Center. The site is located on Broughton Road between Macomb Street and 25 Mile Road. Adjacent to the site to the south is the Macomb Township complex including the Civic Center and the Macomb Recreational Center. The arena is a 70,000 square foot building that houses two indoor rinks. The land includes space for another rink if future

expansion is required. This is a privately owned and run facility located on property purchased from Macomb Township.

Spalding DeDecker Associates, Inc. (SDA) was the civil engineering and surveying consultant and provided permit acquisition, easement document preparation, site plan preparation, public meeting representation, utility design, flood plain permitting, and detailed survey and mapping including topography, boundary, and ALTA/ACSM Land Title survey.

SDA prepared the detailed site plan and construction documents in substantial compliance with different agencies including Macomb Township, Macomb County Department of Roads (MCDR), Office of the Macomb County Public Works Commissioner (OMCPWC), Detroit Water and Sewerage Department (DWSD), and the Michigan Department of Environmental Quality (MDEQ).

The storm water management design for this site utilized a large detention basin located at the southwest corner of the site. This basin was constructed as part of the Civic Center project and sized to receive run off from this site.

This site falls within a 100-year floodplain that is associated with the McBride Drain. To allow cut and fill in the floodplain, a permit from the MDEQ was secured.

SPECIAL FEATURES

SDA received special approval from the Township Board in order to assist the developer's contractor.

OWNER / CLIENT

Suburban Sports Group
Frank Rewold & Son Inc.

PROJECT START - END

June 2004 – March 2006

SDA PROJECT NO.

DV04-016