

PROJECT HISTORY

DAVENPORT COUNTRY CLUB

DAVENPORT, IOWA

COMPLETION: 2010



PROJECT ASSESSMENT

“The Objectives”

The project objectives for the Davenport Country Club pool were four-fold. The pool circulation lines were undersized. New VGB commercial standards required larger diameter suction and return lines. New main drain sumps were required, along with a new filter system. The pool suffered from extensive structure cracks across the entire shallow end, and a patched-looking, peeling and chalking painted finish. The pool also needed an entry set of steps.

RENOVATION PLAN

“How it was done”

The first course of work in this project was to remove numerous layers of pool paint from the surface. This was followed by cutting off the top of the pool walls to accommodate new stainless steel gutters, and excavation for new main drain sumps and circulation lines. Part of the shallow end wall was cut out for off-set entry steps so as not to interfere with the pool’s racing lanes during competitions. Due to the pool’s unusual depth, two sets of scaffolding had to be used during sandblasting and re-surfacing. A sectioned

gutter grating and support system was designed for installation over the gutter channel. Such a system would now allow periodic inspections of the gutter, plus safety and comfort to the swimmers. Frost-proof racing lane, target and depth transition tiling was added onto the pool. Structure cracks were filled with a high-grade epoxy and permanently sealed with the **InterSteel Crack Repair** method using Kevlar® (by Dupont), and the entire pool received the INTER-GLASS® Reinforced Composite System.

Renovation Result



[Pictorial Sequence on Back Page](#)

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Paint Removal Underway



Top of Pool Cut for New Stainless Steel Gutters



Saw Cutting for New Main Drain Sumps



New Entry Steps Formed & Poured



**Installation of Blue INTER-GLASS®
Two-Tiered Scaffolds for Depth**



New Filter System



PROJECT SPECIFICATIONS:

Total Sq. Ft. 7,714 inc. Kiddy Pool

Pool Shape: 'L'

CIRCULATION SYSTEM: 6- 36" SAND FILTERS

S/S GUTTERS

TYPE OF CONSTRUCTION: FORMED & POURED CONCRETE

FINISH: INTER-GLASS®