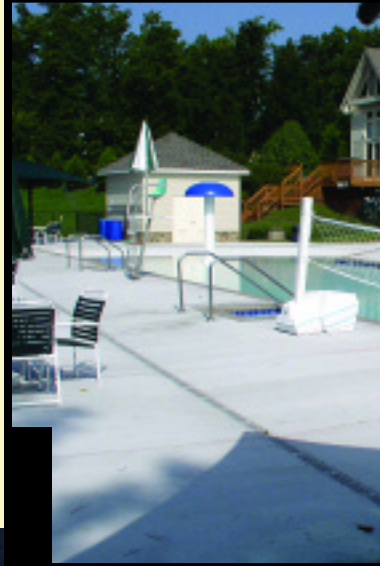


# Case Study

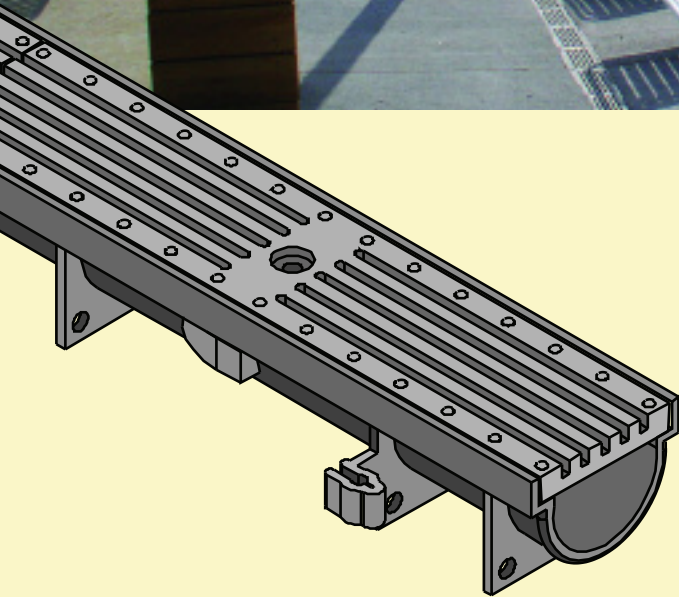
**Highlands Swimming Pool**

**Richmond, Virginia**



## **Z884-HPP Applications**

*Pools  
Residential  
Sidewalks  
Patios  
Walkways*



Two-hundred and twenty feet of Zurn Z884-HPP was installed at the Highlands Swimming Pool, located in the greater Richmond, Virginia area. The Z884-HPP collects drainage on three sides of the swimming pool, with three-inch bottom outlets every 10 to 20 feet.

The HPP grate is perfectly suited for pools. It does not conduct heat and is not affected by pool chemicals. Multiple grates and custom colors are available.

The contractor chose the Z884-HPP trench drain because of its high quality and availability.



### **ZURN PLUMBING PRODUCT GROUP**

FLO-THRU OPERATION  
2640 SOUTH WORK STREET  
FALCONER, NY, U.S.A. 14733  
PHONE: 716/665-1132  
FAX: 716/665-1135  
[www.zurn.com](http://www.zurn.com)

*In Canada:*

**ZURN INDUSTRIES LIMITED**  
3544 NASHUA DRIVE  
MISSISSAUGA, ONTARIO L4V 1L2  
PHONE: 905/405-8272  
FAX: 905/405-1292

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## Case Study

**REEDBOK HEADQUARTERS  
CANTON, MASSACHUSETTS**

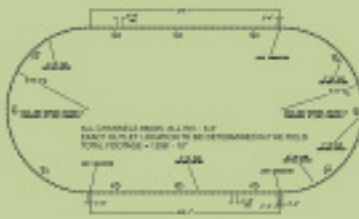
ReedBok Headquarters in Canton, Massachusetts recently installed 1,200 feet of Zurn 2886-HD 12" wide Perma-French drainage systems around the perimeter of their new parking lot. This system project was sold by Joseph F. Kelly of Kelly Construction Services of Hingham, Massachusetts, and the F. J. O'Connell Company.



Due to the World Construction of Perma-French's ability to install the most durable drainage system, the project was sold by Joseph F. Kelly of Kelly Construction Services of Hingham, Massachusetts, and the F. J. O'Connell Company.



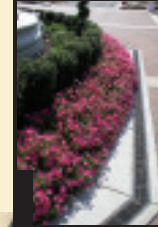
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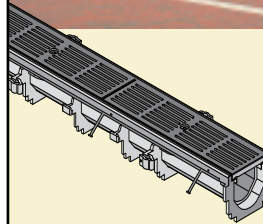
**ZURN**  
ZURN PLUMBING PRODUCT GROUP  
1100 POND DRIVE  
FALCONER, NY 14733  
PHONE: 716-685-1132  
FAX: 716-685-1135  
www.zurn.com

## Case Study

**Saint Francis Medical Center  
Chesterfield County, VA**



**Z886-HD-HPD  
Applications**  
Parking Lots  
Highways  
Airports  
Pools  
Wineries  
Gas Stations  
Industrial Parks  
Airplane Hangars



- Approximately 160 feet of Z886-HD-HPD installed.
- Drain collected at a Z887 (6" x 20") with pre-attached 12" outlet to connect to 12" diameter pipe.
- Drain laid out in octagon shape with multiple pre-manufactured corners.
- Drain was set around a fountain in a courtyard at the patient drop-off and pickup area.
- Drain collects all flow from courtyard.
- Drain required to be both H20 Rated and ADA compliant.
- Drain installed in concrete and pavers dry set against trench drain pour.

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## Case Study

**Sheetz Gas Station  
Chesterfield County, Virginia**



**Z886-18-HPD  
Applications**  
Sidewalks  
Pools  
ADA Ramps  
Highways  
Parking Lots/Decks



Construction of a new Sheetz gas station began in the summer of 2006. Chesterfield County officials require the installation of drainage systems in gas stations for potential fuel spillage. Zurn Flo-Thru provided 120 feet of Z886 18 inch wide Perma-French drainage systems with a 102 inch ADA ramp only 1-1/2" wide profile. This slope of grate was specified by Sheetz to help reduce potential problems with customers coming in the door. The six inch wide Z886 modules were factory customized with a radius matching the Sheetz's energy. Perma-French catch basins installed both upstream and downstream adjacent to the inspection and disking.

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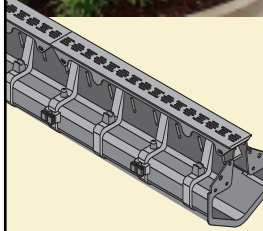
Zurn Industries is a leader in innovative structural composite channel drain systems, with office and warehouse facilities in Falconer, New York.

## Case Study

**Short Pump Town Center Mall  
Richmond, Virginia**



**Z888-12-HPD  
Z888-18-HPD  
Z889-12-HPD  
Applications**  
Sidewalks  
Patios  
ADA Ramps  
Highways  
Parking Lots/Decks



- Two runs of 400 feet.
- Located in mall parking lot.
- Sheet flow had to be intercepted and moved through the storm sewer system to BMP structures before it would leave the site.
- Outlet size: 12 inch and 18 inch PVC.
- Z888 was preferred over the specified slotted drain due to:
- Durability
- Ductile iron top
- Meets ADA code
- Installed by site contractor.

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