

Automotive Service Center Installs Efficient Wastewater Drainage System

Job

A Fortune 250 company decided to build a large scale, high-end luxury automobile showroom in central NJ. The owner's main requirement was for an efficient, reliable wastewater solution that could be designed and installed without delays and with minimal disruptions to the construction schedule.



Problem

The architect suggested to the owner to meet with Dolan & Traynor's top Sales Consultant, Steve Cielusniak, and discuss his solutions for custom automotive drainage applications. The architect and the plumbing contractor on the job were aware of previous successful automotive drainage applications provided by Dolan & Traynor in the NJ market.

Solution

Upon receipt of a customized drainage/ wastewater package quote from Dolan & Traynor, the owner compared it with a competitive quote on a system from another oil water separator manufacturer. He chose Dolan & Traynor's solution as it represented the best fit for the application and had a proven track record while providing easy access to the equipment for future maintenance needs.

The solution consisted of a custom designed, labor saving, easy to install wastewater package: High Capacity Pre-sloped Fiberglass Trench Drain System, Fig. No. 9812, 3' x 3' polymer concrete Catch Basin with trash bucket and Ultrarecept[®] Oil Water Separator - Fig. No. 8602 (with related accessories).

The catch basin has an engineered, newly designed custom fabricated slotted steel grate to satisfy requirements where heavy duty grates are not needed. The grate weighs significantly less than a cast iron grate allowing for an easier installation while providing the safety and drainage required by the application.



The plumber was able to handle and install the fiberglass trench drain easily as the 6-foot channel and frame assembly, while offering adequate drainage capacity, only weighs 40 pounds.

The wastewater is channeled to the catch basin and from there it is pumped to the Ultrarecept[®] for cleaning/ discharge. The Ultrarecept[®] is installed in the mechanical room adjacent to the car wash area to utilize the available space while being less intrusive to the daily shop activities.

The pre-sloped trench drain was designed and sized to work in conjunction with the Ultrarecept Oil Water Separator, as an efficient, easy to use wastewater system.

Results

The dealership operation has an environmental friendly wastewater system which efficiently separates oil from water providing a simple way for properly disposing of the waste oil.

The owner liked Dolan & Traynor's turn-key approach and attention to detail of the operation; "The job went very well and the products represented the right application for the service center", says the owner. He expressed his intent to work with Steve Cielusniak again in the future on other projects requiring plumbing and drainage solutions.

Furthermore, upon completion of the job, the local Plumbing Inspector recommended another job where an architect was facing a similar problem and was looking for a reliable and efficient solution.

