

Middlesex Fire Academy

Located in Sayerville, New Jersey the Middlesex Fire Academy provides emergency services to the area and trains people in the performance of said emergency services. To accommodate training exercises utilizing fire trucks and heavy water flow, civil engineers were tasked with expanding the training area at Middlesex back in April of 2016. To meet the very specific requirements, engineers needed to find a wide-channel drain that could effectively control large volumes of water and withstand the constant stress of heavy emergency vehicles.

When an affiliated distributor informed NDS about the project, representatives were quick to reach out to civil engineers and explain the benefits of Filcoten Trench Drains.



NDS[®] Filcoten Channel Drain

Popular applications including driveways, courtyards, plazas, pool decks, parking lots, sports facilities and more. Compatible with the patented NDS Pro Series Qwik-Turn Radius Coupling to allow for curving layouts with up to 6 degrees of deflection between couplings and channels – NDS is the only drainage manufacturer to offer this incredible ability!

Filcoten is composed of pure, fiber enhanced concrete that is more durable and sustainable than polymer-based products. With a design that is both temperature and impact resistant, Filcoten is perfectly suited for all-season outdoor environments where Fire Trucks are present and in motion. Filcoten is also 100% recyclable and contains no harmful substances that can leech into the ground, so heavy water exercises are environmentally safe. After working with an NDS representative, engineers decided that the Filcoten would provide the most durability and water drainage capacity at the most affordable price.

At the end of the project, Civil Engineers installed 150 linear feet of Filcoten Pro 300 drain channels and they have been serving the academy well ever since.

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