

## CASE STUDY

# N-12<sup>®</sup> Pipe Used to Detain School's Stormwater Runoff

## Overland Park, KS

### OWNER

**Shawnee Mission Public Schools Unified School District**, Overland Park, KS

### PRODUCTS

1,440' (439 m) of 30" (750) N-12 pipe  
Nyloplast<sup>®</sup> Inline Drain

### INSTALLATION DATE

2013

### DESCRIPTION

The Indian Woods Middle School addition required stormwater management in an underground detention system to meet the municipal code.

The system would need to meet regional environmental requirements. In addition, the municipal code requires stormwater detention for new projects that increase peak discharge from the site when downstream buildings or streets are subjected to flooding because of development.

The stormwater detention system at Indian Woods School is 130' x 154' (40 m x 47 m) with 12 rows of 30" (750 mm) N-12 pipe. The system holds 7,600 cubic feet (215 m<sup>3</sup>) of stormwater. The detained stormwater is eventually released at a controlled rate into the existing storm sewer system.

The stormwater was captured by a Nyloplast inline drain and flowed into the stormwater detention system.



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