



Dura Slope Trench Drain: Case Study

Ball Field Drainage at Huffhines Rec Center

Fast Facts

Product & Quantity

NDS Dura Slope with CI Grate 820 ft

Address

300 N. Plano Rd, Richardson, TX

Application

Ball Field Stands and Dugout Drainage

Installation Date

July 2009

Owner

City of Richardson TX Parks and Recreation Dept.

Design Firm

Barker Rinker Seacat Architecture

Contractor

Core Construction and Greenscaping



Drainage at Huffhines Rec Center

Project Information

The 25,000 square foot Huffhines Recreation Center in Richardson, Texas, was created to be a community-enhancing gathering place for activity and learning. Planned with input from Richardson residents, the building was designed in the spirit of the ball parks built in the early 1900s, and incorporated bricks quarried from an old brick road in the neighborhood. The building is a LEED facility.

Part of the grounds include a clover-leaf baseball and softball field complex. To ensure the facilities could drain quickly and effectively, the design required trench drains inside the foul-lines and in front of the dugouts.

The specifications called for a pre-sloped trench drain, and with the help of Longhorn Inc., Tracy Lemoine of Green Scaping submitted Dura Slope as the drainage solution for this project. Dura Slope was chosen because it exceeds the required performance, is easy to install, and is cost effective. The grates selected were black cast iron, selected for performance as well as aesthetics.



DS-231 cast iron grates were mitered and spot-welded to accommodate the custom angle above



The NDS 18" square grate in cast iron