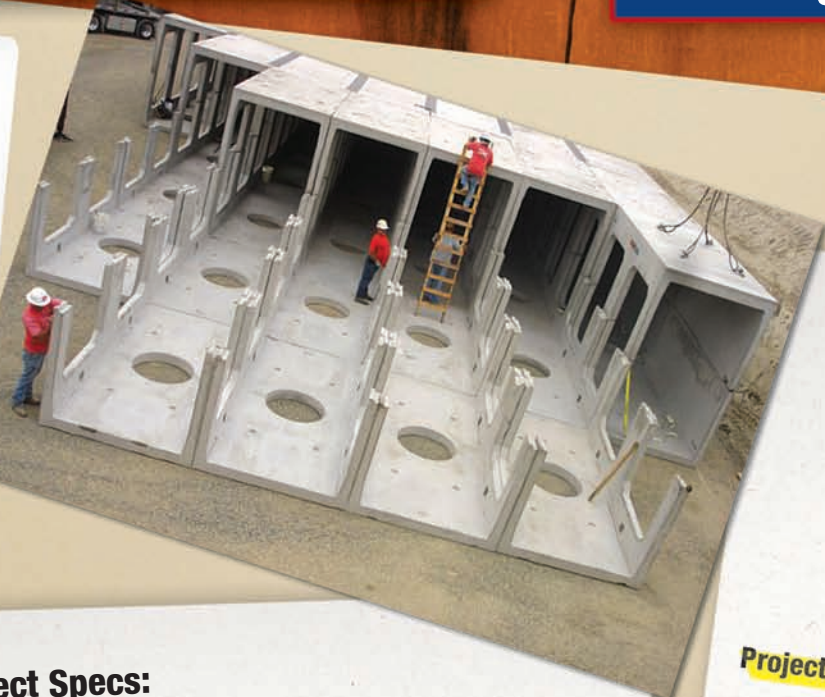


File#: ST08-19212



OBJECTIVE:
Water quality through treatment train

Project Specs:

Project Name: Downey Park
Project Location: Downey, California
Project Engineer: City of Downey Public Works
Project Contractor: Griffith Company
Specifications:

Volume: 303,922 ft³
 Units: 836 Units
 Installation: 1 Day/Crane

System: 10'-0" DoubleTrap
Foundation: 6" Aggregate Base
Water Quality: Retention



Project Description:

Client required over 303,000 cubic feet of storm water retention/infiltration using the 10'-0" DoubleTrap system. To maximize the athletic field area while complying with water quality regulations, a precast concrete underground retention/detention system was put to use. The design incorporated an upstream BMP pretreatment train to maximize runoff water quality. The City of Downey worked with StormTrap to engineer its precast base units with openings to promote infiltration of retained runoff water. This project captures runoff from a catchment of more than 60 acres and recharges it through rock filled wick drains 20 feet below the planned soccer field.

