

File#: ST08-19204

### Project Specs:

**Category:** Heavy Duty  
**Project Name:** County of San Diego,  
CA at McClellan-Palomar Airport Project  
**Project Location:** Carlsbad, CA  
**Project Engineer:** Rick Engineering  
**Project Contractor:** TC Construction  
**Specifications:**  
Volume: 26,500 ft<sup>3</sup>  
Units: 28 Pieces  
Installation: 1 Day/Excavator  
**System:** 5'-0" Heavy Duty SingleTrap  
**Foundation:** 1' Concrete Pad  
**Function:** Detention



**OBJECTIVE:**  
Excessive cover  
Heavy Duty design

### Project Description:

Client needed just over 26,500 cubic feet of storm water detention under approximately 24 feet of ground cover. The solution: StormTrap's Heavy Duty SingleTrap system.

This system was used as the detention portion of a treatment train approach which provided a quantitative as well as qualitative solution for the airport.

Needing to withstand extreme compression strength, the 11" Heavy Duty SingleTrap system was used, and the project was completed in just one day using an excavator. The premier precast concrete modular storm water management system required a 1' concrete pad and 28 pieces.

