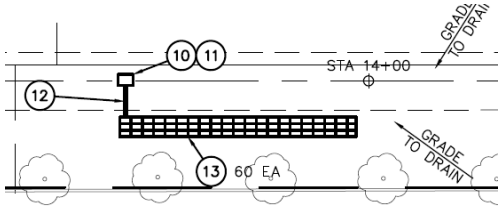


## CASE STUDY STORMWATER MANAGEMENT

# HAYDEN TRACT PARKING LOT

CULVER CITY, CA



## PROJECT/PRODUCT DESCRIPTION:

The Engineer specified R-Tank as a decentralized treatment option to retain and infiltrate stormwater at each individual catch basin. R-Tank stormwater systems provide underground storage of stormwater. After a rain event fills the R-Tank, stormwater can flow into the drainage system, infiltrate into the ground, or be reused. The system is an alternative to stormwater basins and a more efficient, space saving alternative to other underground systems for detention, infiltration, and recycling stormwater. R-Tank can be assembled to a variety of heights from 2" to just under 7'. This rigid system can be placed beneath a variety of surfaces including: Parking Lots, Streets and Access Roads, Driveways, Landscaping, Athletic Fields/Playgrounds, Swales and Channels.

## PROJECT SOLUTION:

CFS provided 267 R-Tank HD modules. Five R-Tank infiltration systems were installed throughout the property. With these systems in place, this property retains all stormwater on site and eliminated the need for a storm drain system.

## CLIENT NAME:

KOA Corporation  
3190 C. Shelby Street  
Ontario, CA 91764  
(909) 890-9693

## YEAR:

2016

## PROJECT SIZE:

267 R-Tank HD Single Modules

## LOCAL R-TANK DISTRIBUTOR:



## California Filtration Specialists

11021 Via Frontera, Suite E  
San Diego, CA 92127









T: (858) 705-6483

F: (858) 487-8355

[www.cafiltrationspecialists.com](http://www.cafiltrationspecialists.com)

[info@cafiltrationspecialists.com](mailto:info@cafiltrationspecialists.com)

## BENEFITS OF R-TANK:

-  **HIGH CAPACITY**  
95% void internal area
-  **EASY TO TRANSPORT**  
Can be supplied unassembled for reduced delivery costs
-  **STRENGTH**  
Easily supports traffic loading from parking and roads  
Backfill with sand - no stone required
-  **LIGHTWEIGHT AND QUICK TO INSTALL**  
Installed by hand; no cranes required  
Reduce site access delays
-  **DESIGN & CONSTRUCTION VERSATILITY**  
Combine modules into any shape to efficiently use space  
Height varies from 2 inches to 7 feet
-  **PERMANENT AND MAINTAINABLE STORAGE VOLUME**  
All storage volume is isolated inside filter fabric envelope  
No reliance upon unsustainable, temporary, assumed void space in crushed gravel backfill
-  **INCREASED INFILTRATION AND EXFILTRATION**  
Outer shell is 90% open  
Increases groundwater recharge, reducing post-construction discharge volumes
-  **RECYCLED CONTENT**  
Manufactured with recycled polypropylene