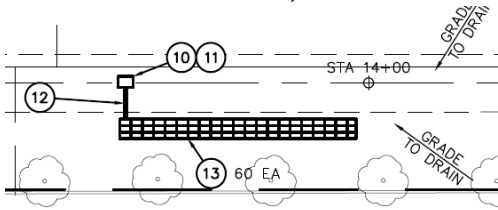


CASE STUDY STORMWATER MANAGEMENT

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

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