

# ECO-RAIN TANK SYSTEMS OF AMERICA CASE STUDY

# H-20 Loading

## Valley Region High School #4 Los Angeles U.S.D., CA

In Granada Hills, CA, the Los Angeles Unified School District approved the use of EcoRain Tanks to capture rain water onsite for a slow release, mimicking natural conditions. Due to space constraints, the EcoRain Tank structure was built under a parking lot. The photograph below shows the driveway and parking area three years after in-



- Installation September 2008
- 30,000 cubic feet EcoRain Tanks
- EcoRain Tanks used to detain rain water on site for release through a small diameter outlet pipe to comply with storm water regulations.
- The Tank structure, built under the parking lot, was fully wrapped in 30 mil PVC liner to
- Approved by the LAUSD for AASHTO H-20 Loading capability, EcoRain Tanks are stronger—they can take H-25 Loads (25 Tons)
- Engineered by Penco Engineering.



Photograph taken October 2011



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