

LEED ND Pilot Project

- Fort Shafter, Simpson-Wisser Neighborhood, Honolulu, HI
On-site stormwater management system for 16-acre LEED ND Pilot Project included bio-swales, dry wells and subsurface infiltration trenches to reduce off-site stormwater discharge

Low Impact Development Designs

- Fire Station 129, Orangevale, CA
Bio-swales, stormwater collection and piping, stormwater filtration, detention pond and creek outfall structure
- Fire Station 6, Roseville, CA
Bio-swales, bio-filtration, and mechanical filtration systems
- Various commercial developments utilizing concrete paver parking areas to protect tree roots and to promote stormwater infiltration
- Design and preparation of Storm Water Pollution Prevention Plans (SWPPP) and obtain National Pollution Discharge Elimination System (NPDES) permits for construction activities

Reutilization and Recycling of Materials

- Design of selective demolition for crushing and reutilization of concrete slabs, footings, driveways and asphalt roadways for base and pavement materials
- Design of roadway rehabilitation projects utilizing wedge grinding/asphalt planing and asphalt rubber binder in asphalt rubber hot mix paving and chip seals

