

# RDA | Landscape Architects

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## LINDENHURST MEMORIAL LIBRARY



### **Sustainable Parking Lot Design**

**Project Information:** RDA developed a sustainable design for a new 20-car parking lot that includes permeable pavers, bioswale, native planting, solar light fixtures, composite/recycled fence and wheel stops and a connecting crosswalk to the existing Library.

Project Location: Lindenhurst, NY  
Client: Lindenhurst Memorial Library  
Construction Cost: \$160,000  
Contractor: Steven Dubner Landscaping  
Completion Date: August 2009

Retnauer Design Associates was chosen through an RFP process to design a new 20-car parking lot on an adjacent parcel to the existing Lindenhurst Memorial Library. The Library Board was thoroughly engaged with our concept of developing a “green” parking lot and low-impact development was the guiding design principle. RDA developed a self-draining parking surface of permeable pavers with three layers of gravel underdrain. Any surface water that does not drain through the pavers is collected in a self-cleaning bioswale planted with native trees, shrubs and groundcover. Solar lighting and recycled/composite site accessories round out the construction materials.

