



Erosion on slope



Exposed tree roots as a result of soil erosion



Gullies cause sediment to accumulate at toe of slope



Slope stabilized and replanted below the golf course club house

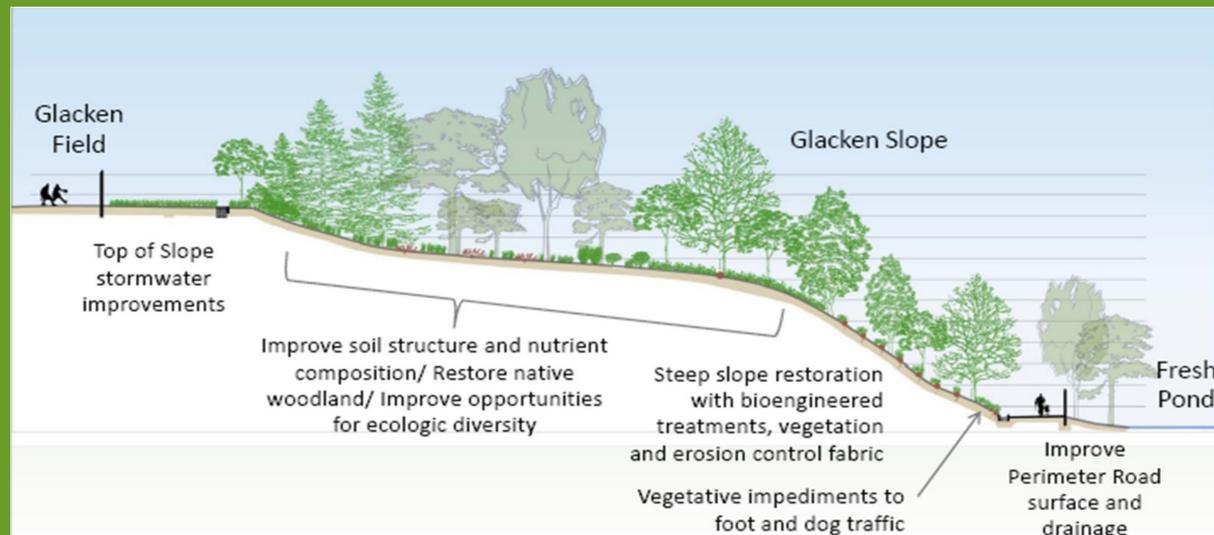


Porous pavement on the Perimeter Road will improve drainage

Project Overview: A high priority in the Fresh Pond Reservation Master Plan, the focus of Glacken Slope Restoration is to stabilize the slope, improve soil infiltration, control storm water runoff, and enhance habitat quality. A phased restoration approach, this project involves slope stabilization and gully repair, community-based restoration plantings, and improving drainage to the Perimeter Road.

Prior Work: Phases 1 - 3 included improving stormwater infiltration by installing a level spreader, a bioretention swale, a rain garden, and porous pavement on the golf course clubhouse patio. Fallen logs found on site were reused for wildlife habitat and edging, and invasive trees and vegetation were replaced with native forest plant species including trees, shrubs and herbaceous groundcover.

Project Schedule: Beginning this summer, Phase 4 continues along the Lower Slope moving further away from the golf course with slope stabilization, gully repair and planting. After completion of Phase 4 work, access will be restricted through the use of temporary fencing to allow vegetation to get fully established. Next summer 2013, Phase 5 will use porous paving to enhance runoff infiltration at the bottom of the slope and improve Perimeter Road surface and drainage. The damaged fence along the Perimeter Road will be replaced and the curb re-set.



Renovation and reconstruction of Glacken Slope enhancing ecological structure and user experience



Glacken Slope Restoration Phases 4 & 5