





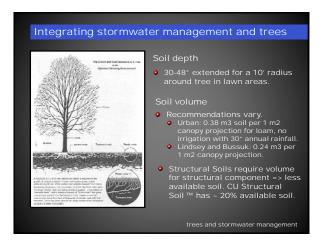
Site assessment Available above and below ground growing space. Soil type and available water. Vehicle and pedestrian sight lines. Proximate utilities and structures. Sun exposure and prevailing wind. Maintenance.



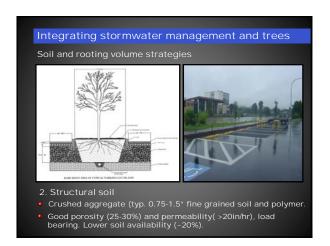


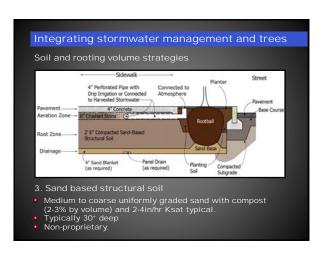
Reducing compaction (construction) Clearly mark protection and staging areas on plans and in the field. Review plans and coordinate throughout construction with foreman and crew. Robust fencing and clear signage declaring protection objectives and penalties. Robust fencing and clear signage declaring protection objectives and penalties. If access unavoidable. Foot access: 6' layer of arborist wood chips. If access unavoidable. Foot access: 6' layer of arborist wood chips. Vehicle: 1' steel plate or 4' thick timber with 2-3' AWC or 34' ply with 6-8' AWC. It rees and stormwater management

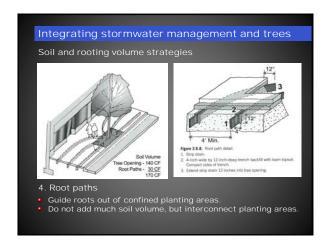


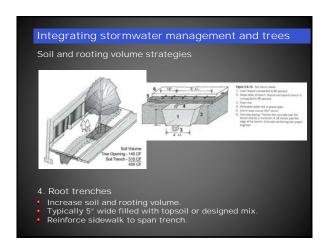


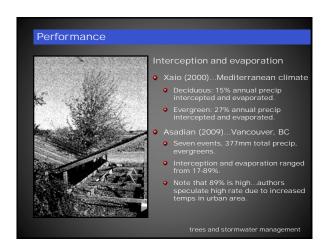












Pe	rformance			
		nfiltration		
5		Bartens (2008) Black oak (course root structure) and red maple (finer root structure.		
		 Both penetrated soils in containers with bulk densities of 1.3 and 1.6 g/cm3. 		
		 Infiltration rates were 63% higher in lower compaction soil and 153% higher in higher compaction soil compared to 		
300	Mark Mark	control with no plants.		
		trees and stormwater management		