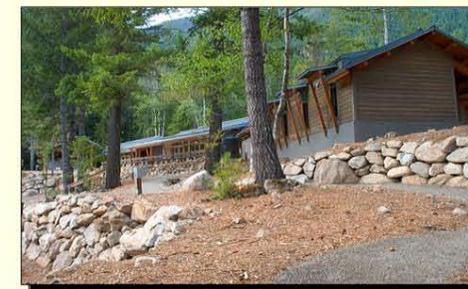




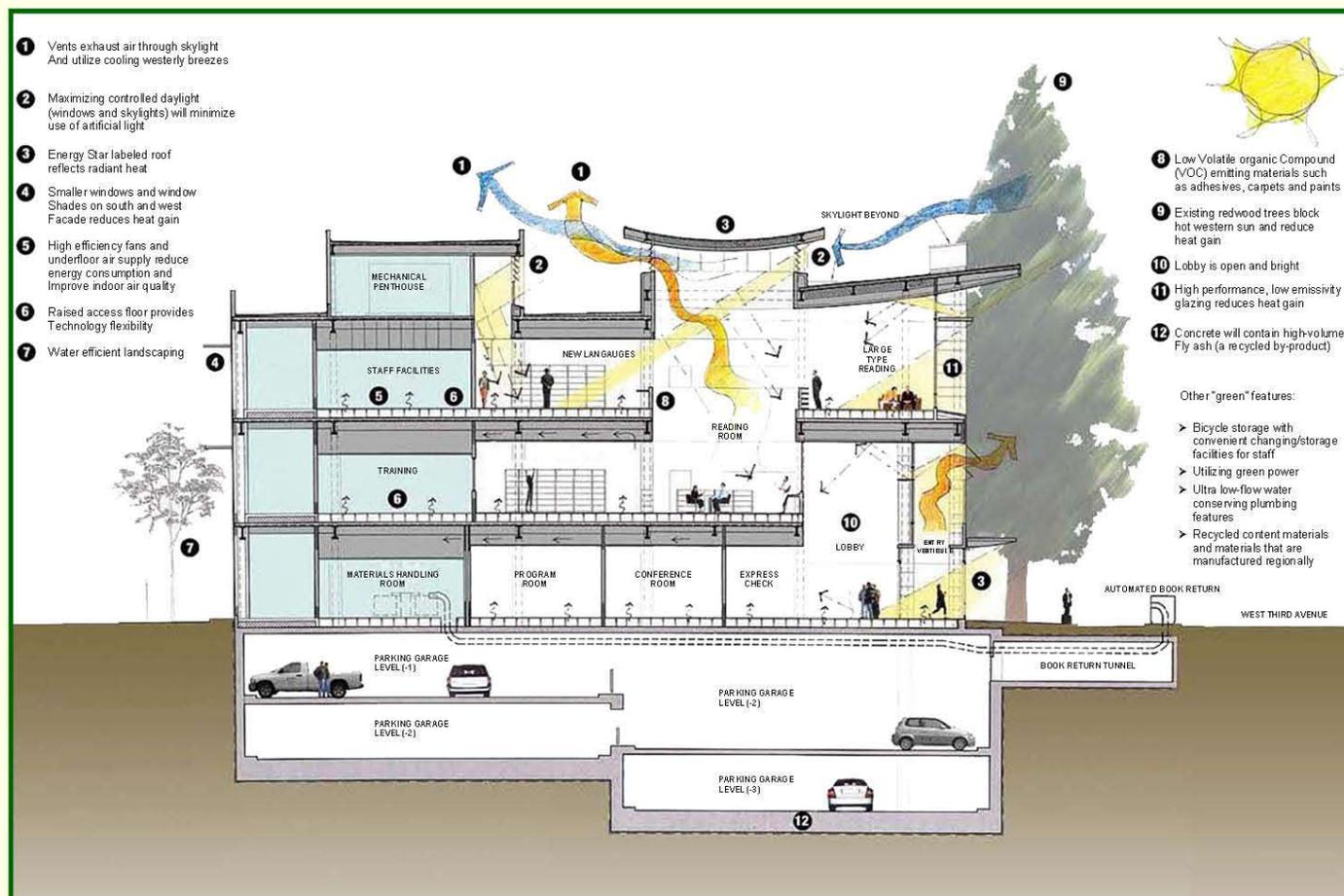
What Is Sustainable Design?

Overall Concept: Sustainable design is a concept that integrates principals of environmental conservation into engineering construction and operation projects . Sustainable design is based on the principal that human civilization is an integral part of the natural world and that nature must be preserved if humanity is to survive.

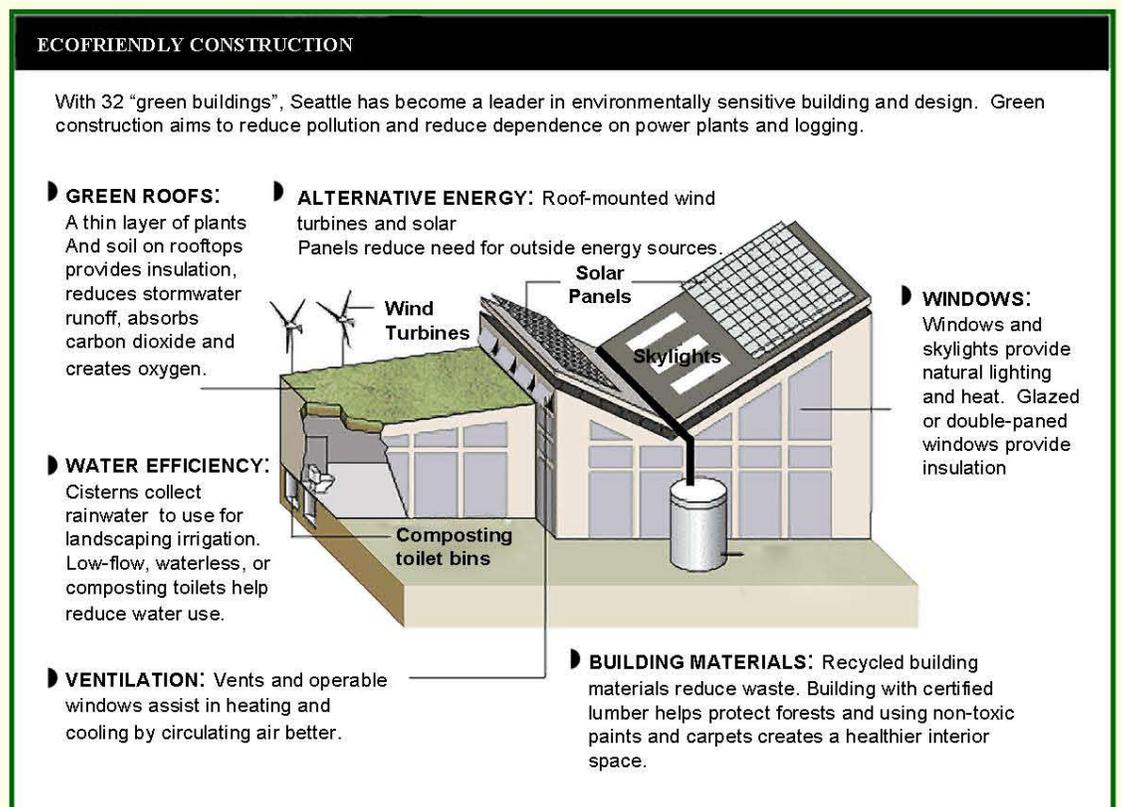
Design concept: Facilities are designed, constructed and operated to work with nature and lessen the impact of our activities on the environment. This is done by creating long-lasting, low maintenance, “resource-smart” structures. Waste is kept to a minimum to avoid overloading natural systems.



The North Cascades Institute (above) is a sustainable designed facility. Classrooms and lodging are part of this institute, located in Washington State. (Photos courtesy of North Cascades Institute.)



Examples of sustainable design (source: City of San Mateo, California)



Examples of sustainable design (source: Seattle Post-Intelligencer)