

## Site Description

*Following is a description of the site for which Eeva Reeder's geometry students designed a state-of-the-art school for the year 2050.*

- Located in western Washington
- An odd-shaped lot, like a rectangle that is longest in the E-W direction with some rectangular-shaped pieces cut out of the eastern end
- It is approximately 1,400 ft. long in the N-S direction, and of varying lengths in the E-W direction (850 ft. at the shortest, and 2,000+ ft. at the longest)
- The lot is bordered by a two-lane road along its northern edge and a one-lane road flanks part of the (jagged) eastern edge; the two-lane road to the north intersects with another two-lane road running in the opposite direction, which is offset from the western edge of the lot by a strip of undeveloped land
- The southern edge of the lot borders with another undeveloped lot
- The site has a small river-fed pond on the western border (about midway), that is flanked by a wetland to the south
- The river cuts across the property, running roughly east to west
- On the northern side of the river, the property is quite flat, although tree-covered
- On the southern side of the river, the property rises moderately to a 70-foot altitude, then dips somewhat and rises a second time to 70 ft. at the southern edge of the property—to a viewer from "the flats" there appears to be just one hill
- The flora is typical of western Washington—plenty of evergreen trees and foliage—all that thrives in a moist and temperate climate
- The site is an excellent bird habitat; and the river and pond are home to fish, ducks, muskrats, and beavers