Exercise 4: Soils
Due: 4/29/2014

Objective: To better comprehend soils in construction and to become familiar with NRCS Soil Survey website.

1) Complete chapter 7 questions (#7.3-7.18) from the Site Engineering for Landscape Architects Workbook.

2) Explore the NRCS Web Soil Survey website and print out a soils map and soils report for a location of your choice on Whidbey Island, WA.

*Currently the NRCS does not have soil data available for the City of Seattle or the City of Tacoma.

http://websoilsurvey.sc.egov.usda.gov/App/HomePage.htm

1) Click on the green “Start WSS” button.
2) Under “Quick Navigation” enter in Whidbey Island, WA for the address.
3) Zoom into a specific area on the island of your interest.
4) Using the “Define an AOI” tool set a soil survey boundary on the map.
5) Once your boundary is set, click the “Soils Map” tab and spends a few minute exploring the report and reading through the map unit descriptions.
6) Print out (click the “Printable Version” button) and turn in a report showing a map of your area of interest and the soils report results.

Bonus Question - Using the website’s tools, export a detailed full soil report with an automated Table of Contents and describe how you did it. Our guest presenter, Jason James, showed us a similar report during his soil’s lecture on April 15th.