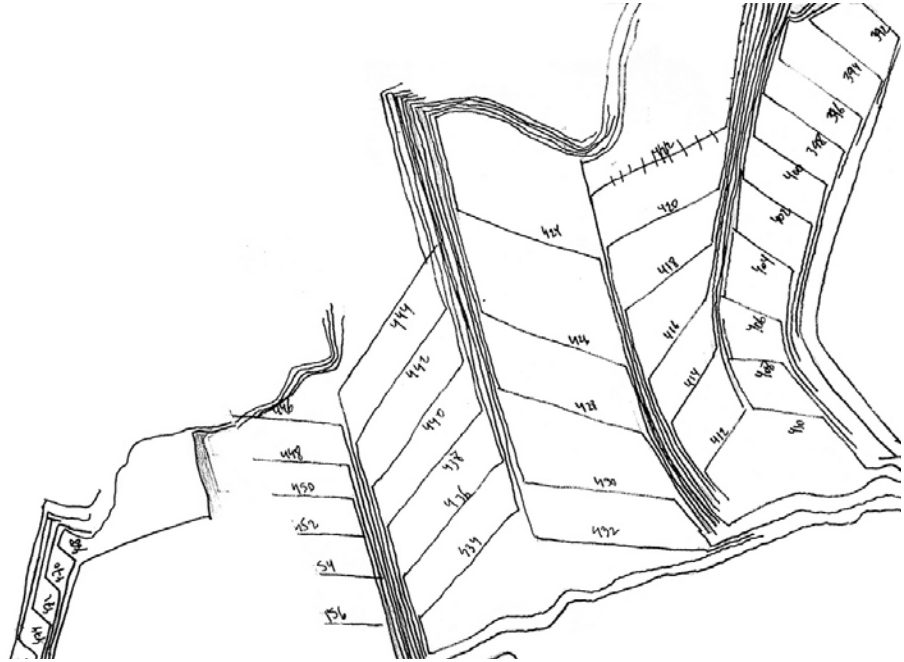


Syllabus
Winter 2021

LA 362 - Tech 1

Grading & Drainage aka Earth & Waterworks

San Joan Landfill
Spain
ARQUITECTURA AGRONOMIA



Time Tuesday/Thursday | 12:15 pm - 1:45 pm **Office Hours** Wednesday 9:00 - 11:00
calendly.com/mgeffel

Credits 6

Location Remote instruction, optional in-person field trips in Eugene

Instructor Michael Geffel
Department of Landscape Architecture
Lawrence Hall, Room 214
mgeffel@uoregon.edu

Prerequisites None, although class is taught concurrently with LA 4/539 Landform Studio

Course Description The earth is one of the fundamental materials of landscape. Through the design of topography, landscape architects construct the underlying infrastructure for human movement, water flow and plant growth. Soil design guides plant ecology and is an essential to the performance of green infrastructure. Beyond these functional aims, earthworks allow landscape architects to create sculpture at a monumental scale and choreograph complex spatial experiences. As the second course in the Landscape Materials and Construction sequence, this class will provide in-depth instruction on the techniques, mathematics and documentation of grading. Weekly workshops will parallel the Landform studio culminating with a grading plan of the final studio design.

Syllabus
Winter 2021

LA 362 - Tech 1

Grading & Drainage **aka** Earth & Waterworks

Class Format Class meeting times will be organized around live presentations and technical workshops. Outside of class time, students are required to review readings and complete assigned projects.

Grading This class is offered for a letter grade and is a required course for BLA and MLA students.

Readings Required
Site Engineering for Landscape Architects, 6th Edition / Strom, Nathan and Woland (L.A.R.E. Reference List Reading)

Optional
Landscape Site Grading Principles: Grading with Design in Mind, 1st Edition / Sharky (Digital Copy provided on Canvas)

Landscape Architecture Documentation Standards: Principles, Guidelines, and Best Practices / Design Workshop (Digital Copy available through UO Libraries)