DESCRIPTION: This summer studio will begin with an investigation of the development of a significant building type spread over a number of cultures and continents - one driven by environmental considerations, technology and power. The proposed project is equal parts sci-fi, fantasy and imperative. It is imagined as an effort by the owners of a frozen/refrigerated food storage facility to examine the prospect of remaining in their present location which was once beyond the edge of Eugene but is now engulfed by spreading urbanity. The location, once low-value land, is now recognized as wetland habitat. Students will be asked to evaluate the condition of the present environment and ecologic relations, to understand and incorporate opportunities to address water, to give due consideration to the multiple modes of transport present and required, and to interrogate shape and landscape strategy as critical to the building proposal. The present storage capacity is 4,000,000 cuft. It is desirable to maintain the capacity, however the new generation of owner-operators may be open to developing a program that encompasses a number of food storage techniques, compromising some cubic feet to incorporate sustainable practices, lower energy use, mitigate stormwater run-off and contamination ... provided the measures proposed are communicated clearly to both themselves and the community and an educational component is part of the proposal.

OBJECTIVES: (to learn)
-to document available information and evaluate material with regard to site, context, program, and construction methods, in order to provide a basis for engaging a complex project
-to quickly build a foundation for a design approach and to develop and clearly convey those ideas
-to investigate how concepts of sustainable and effective might be implemented
-to produce drawings, models, representations, artifacts that are tools for both work & communication
-to develop strategies for deep information gathering (retrieval) - data, materials, products, details
-to integrate freehand and computer design processes to benefit scheming and development

METHOD: (and content)
-the studio will consist of lecture, discussion, field trips; desk crits, pin-ups and reviews of design work.
a series of research projects & design investigations will inform the design approach. concurrently, the design will be developed and represented utilizing a variety of methods.
-participatory “idealabs” will be scheduled throughout the quarter. 2-3 of these may occur on Fridays
-we will have an early design scheme review, a mid-review, and a final project review.

seek to be integrative, practical, contextual and opportunistic