SAP Design Project Main

ENS 201 Spring 2015

Design Assignment

The assignment
The Brief
SAP Mission Statement and Handbook
GVSU, LEED, and Living Building Standards

Inspiration: Michigan tourist cabins and cottages

Inspiration: Michigan Barns
Giant City Lodge, Makanda IL & Timberframing

Inspiration: Lewis Center for Environmental Studies at Oberlin College

The Luce St. Site

Sustainable Agriculture Project webpage

SAP Map

https://trello.com/b/bWayg1uk/sap-design-project-main-page
Youssef's site plan

Field and Tree

GVSU Campus Master Plan 2008

**Step 1: Empathize**

- List of stakeholders
- Uses and Wishlist

**Step 2: Define**

Sort, synthesize, and refine the discovered needs/wants for the project

Indoor processing space, with kitchen, cold storage for food and a separate space for seed bank, and large dining/conference room. Size not too unwieldy as campus is full of classrooms for winter and summertime is outside.

**Step 3: Ideate**
Brainstorming to generate a large number of possible solutions: Absurd to Obvious

**Step 4: Prototype**

Rapid and cheap prototyping of best ideas:

- Drawings
- Models

[http://www.ochs.co.ozaukee.wi.us/Archive/ClausingBarns/Barn%202012.jpg](http://www.ochs.co.ozaukee.wi.us/Archive/ClausingBarns/Barn%202012.jpg)

I was put in mind of an octagonal barn. See link for photo

**Step 5: Test (??)**

**Overall look**

Inspiration: Ox-Bow (Saugatuck)