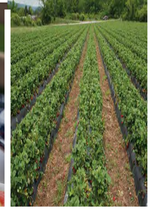


NICK AMIRAULT ENVD 4100. Prof. Julee Herdt

FARM-TO-TABLE ARCHITECTURE

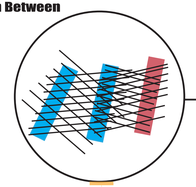
A LIVE-WORK DESIGN FOR A FIELD TO TABLE CHEF

Intro

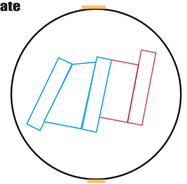
Situated just off the Foothills Parkway, lies the Mackenzie Farm. On site, The Mackenzies operate a one hundred percent organic family farm with over 80 acres of farmable land and usable pasture. The Mackenzie's maintain an old school approach to their interaction with the land and use naturally occuring fertilizers to replenish nutrients into the soil.

Process

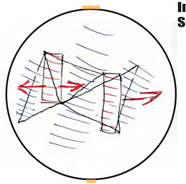
BioSIP Stitch Between Containers



Public Vs. Private

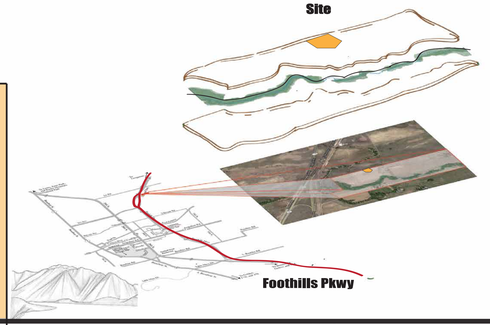


Initial Program Sketch



Initial Sketch

Site Context



Indoor Public Dining Area
and Commercial Kitchen

Level 1
11:35 AM Mountain Standard Time

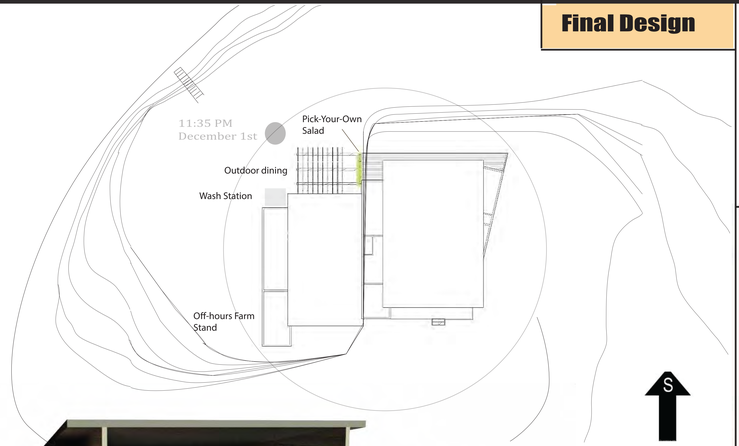
Level One

Private Living Quarters
Living, Dining, and Kitchen

Level 2
12:15 PM Mountain Standard Time

Level Two

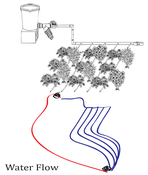
Final Design



3 40' x 8' Steel Shipping Containers
2 Sections of BioSIP Wall "Stitching"
2050 sq. ft.

The Living Wall

The Living Wall consists of a network of steel trellis intertwined with a hydroponic drip system which provides this "garden" the nutrients it needs. The system functions as an integral aspect of providing guests with the freshest ingredients possible.



Dampered Ventilation System

A highly adjustable ventilation system is incorporated into the design through the use of a rotating glass panel wall system. The panel system is able to provide a wide range of ventilation strategies based on position and size. Small openings to large generates an increased airflow

South Facing Facade
12:00 PM Mountain Standard Time
Boulder, Colorado