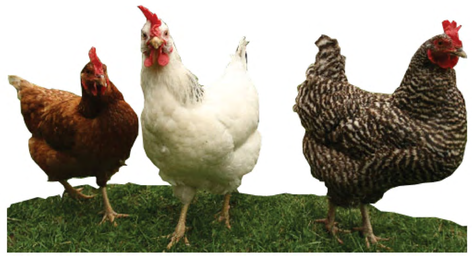


THE URBAN CHICKEN COOP

KIRSTEN HENSON + ERIN INOUYE

FAY JONES SCHOOL OF ARCHITECTURE

UNIVERSITY OF ARKANSAS

CONTEXT

The city of Fayetteville passed the Urban Agricultural Ordinace #5668 on the 18th of March in 2014 that permits the keeping of goats, bees, and fowl and allows limited sales of home produced products in residential areas.

Below is the table of restrictions for the fowl:

	Animal Type Restrictions	# of Animals Allowed	Property Use/Zoning	Where Animals may be Kept	Structure Location &Setbacks	Space Requirements	Misc.
FOWL	Hens&Ducks only. No Roosters	4 allowed on any lot: For lots larger than 5,000 sf, 1 per 1,250 sq ft of lot are up to a max of 20 fowl	Single Family Residential Use/Educational Use	In side yard or rear yard	In side yard or rear yard. 25' from neighboring residence	3' coop space per animal &outside access	Must be wing clipped or a breed that cannot fly. No outside slaughtering

This table can be found at:
http://www.accessfayetteville.org/government/strategic_planning/documents/Local_Foods_Ordinance_Review/Urban_Ag_FAQ.pdf

THE PROJECT

With the ordinance in mind we decided to put our architectural and sustainable senses to the test and produce a chicken coop that provided the following:

- Easy accessibility
- Ventilation
- The use of recycled materials
- Multi-functional
- Component system

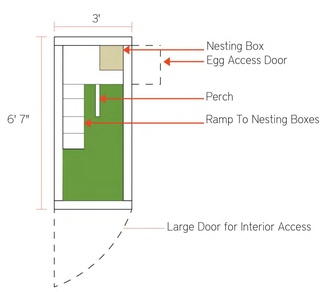
SUSTAINABILITY

With a closer look into our project we discovered that our study relates to the built and the social systems.

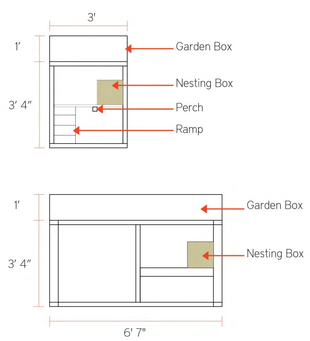
The social system offers a direct connection to food production and food consumption. This allows people to form a relationship and understanding of what it takes to grow and produce you're own food.

The built system offers a different view on human-nature relationships. By focusing on recycled materials , simple passive stratigies, and basic construction techniques one can effectively produce built products that are both cost effective and environment friendly

PLAN VIEW



SECTION VIEW



3D MODEL

PROCESS DIAGRAM

PROCESS PICTURES