THE URBAN CHICKEN COOP
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CONTEXT
The city of Fayetteville passed the Urban Agricultural Ordinance #5568 on the 19th of March in 2018 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:

<table>
<thead>
<tr>
<th>Animal Type Restrictions</th>
<th># of Animals Allowed</th>
<th>Property Use/C zoning</th>
<th>Where Animals may be kept</th>
<th>Structure Location &amp; setbacks</th>
<th>Space Requirements</th>
<th>Misc.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic Fowl/Roosters</td>
<td>4 allowed on any lot. For lots larger than 5,000 sq ft, 1 per 1,250 sq ft of lot up to a max of 20</td>
<td>Single Family Residential/Use/Ed. Use</td>
<td>In side yard or rear yard</td>
<td>No set-backs from property line</td>
<td>15 sq ft per animal</td>
<td>No slaughtering</td>
</tr>
</tbody>
</table>

The table can be found at:
http://www.fayetteville-ar.org/government/strategic_planning/documents/Local_Parks_Ordinance_Review/Urban_Ag_FAOP.pdf

THE PROJECT
With the ordinance in mind we decided to put our architectural and sustainable sensors to the test and produce a chicken coop that provided the following:
- Easy accessibility
- Insulation
- 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 your own food.

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

PLAN VIEW

SECTION VIEW

PROCESS DIAGRAM

PROCESS PICTURES