

Base Layout

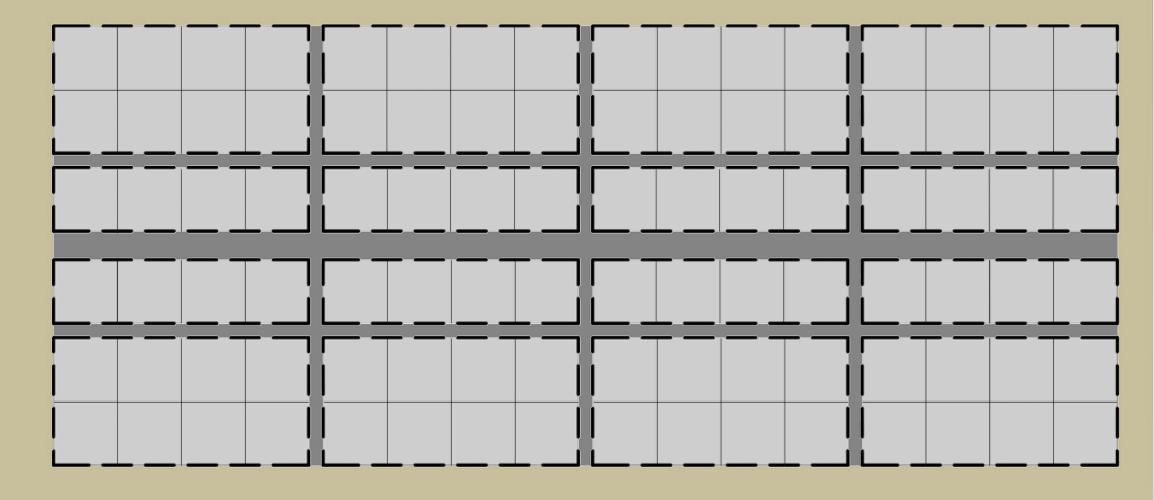
Individual modules should be rectilinear, blocky, with strong linear elements and a central axis if possible, to imitate

The project concept relates to a key industrial tool on which Baltimore developed: floating dry docks. These docks function in the way canal locks do, raising and lowering water level inside a confined space to change the elevation boats are floating. Floating dry docks are mobile and have a high amount of adaptability, and are able to go where a problem is located in order to solve it. This concept utilizes the high amount of vacancy in eastern Baltimore and allows the design to be truly community-driven, because communities, similar to port masters, can reconfigure the space to their needs.

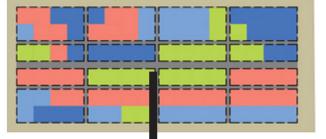
Modular Movement

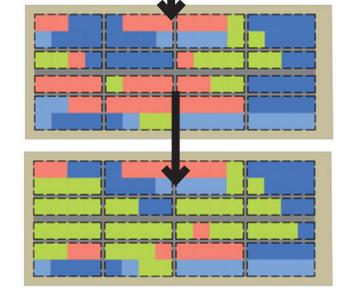
At the planning scale, the idea of adaptability and neighborhood border, but based on public interest and movement (taken from the concept of floating dry docks) the needs of individual sites, can populate other vacant informs the way my design looks and behaves over time. lots. In blue, a few options for Phase II development are Currently, the site sits on the McElderry park/ Care shown.

180



At the site scale, the geometry and form of the floating dry dock is fit into the existing grid, and are representative of the bilge blocks, reflected to create a legible and informed space. The central axis pieces of stone, reinforced concrete, or metal used to support the and secondary paths provide circulation while representing the ship while in port. central channel and alters of a dry dock. The modules themselves





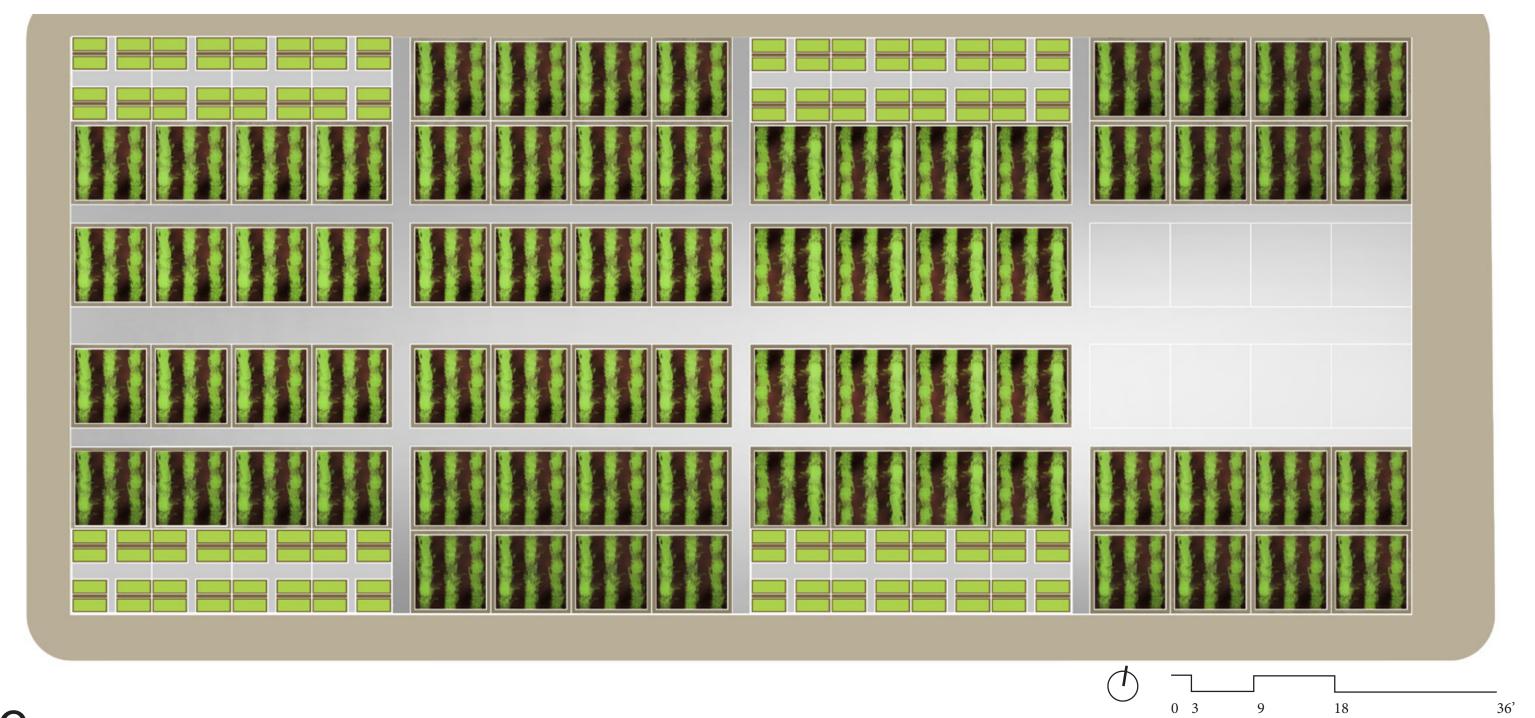
Adaptability and resilience, important values for the Baltimore Ecosystem Study, are also central to my design. Different land uses can change based on the on-site needs, reflecting the way bilge blocks move based on the needs of the ship on floating dry docks. A diagrammatic view of this process can be viewed above.

FOUR SCENARIOS

Agriculturally Intensive

+ 0 TREES

+ 0 SQUARE FEET OF CANOPY

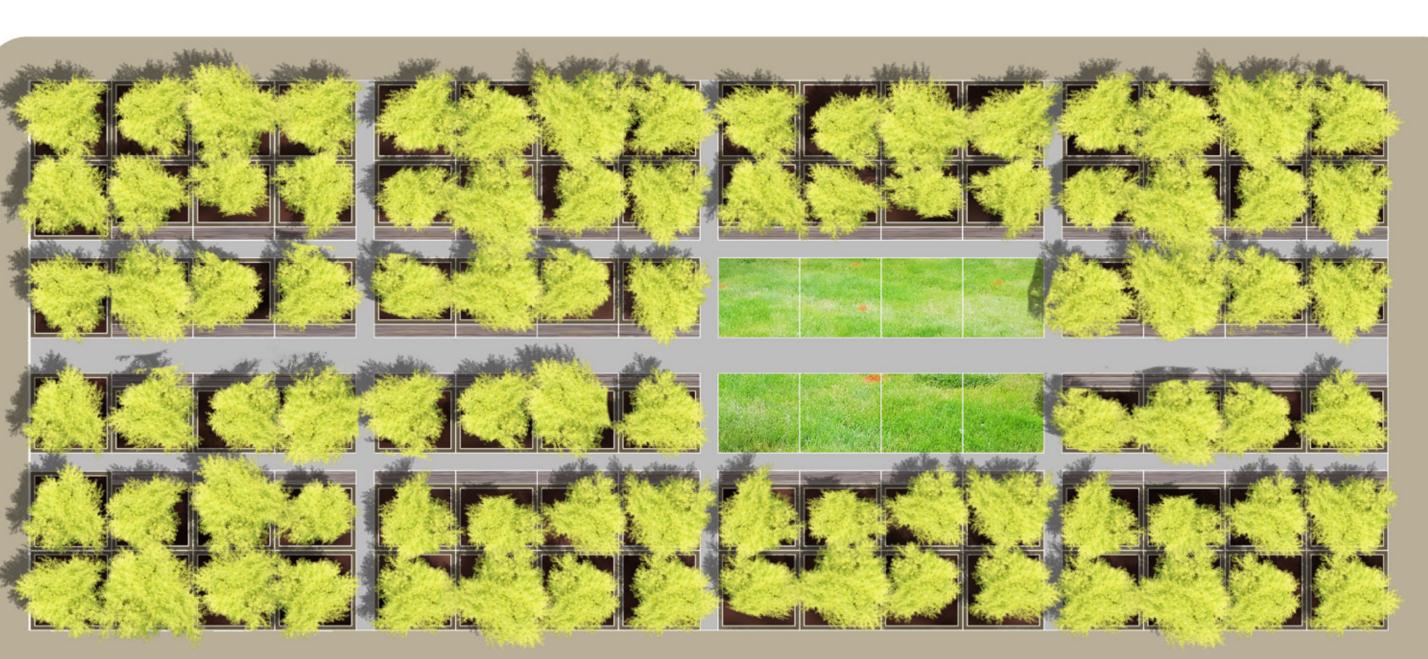




- + 3376 POUNDS OF FOOD PRODUCED PER SEASON
- + 0 LINEAR FEET OF SEATING
- 13% PERMEABILITY



- + 88 TREES
- + 5280 SQUARE FEET OF CANOPY
- + 0 POUNDS OF FOOD PRODUCED PER SEASON
- + 504 LINEAR FEET OF SEATING
- 27% PERMEABILITY





0 3

36'

Socially Intensive

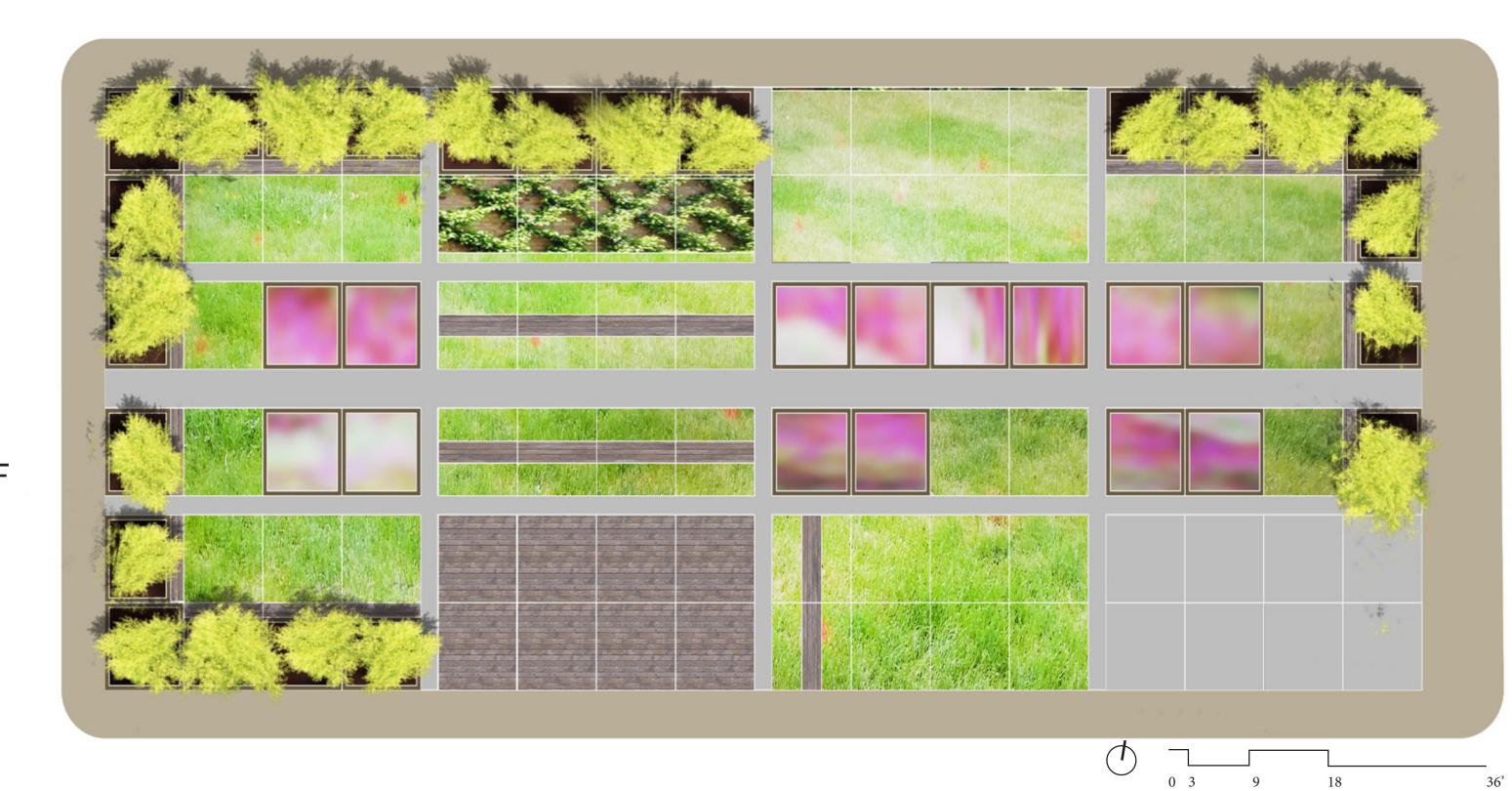
+ 23 TREES

+ 1380 SQUARE FEET OF CANOPY

+ 0 POUNDS OF FOOD PRODUCED PER SEASON

+ 234 LINEAR FEET OF SEATING

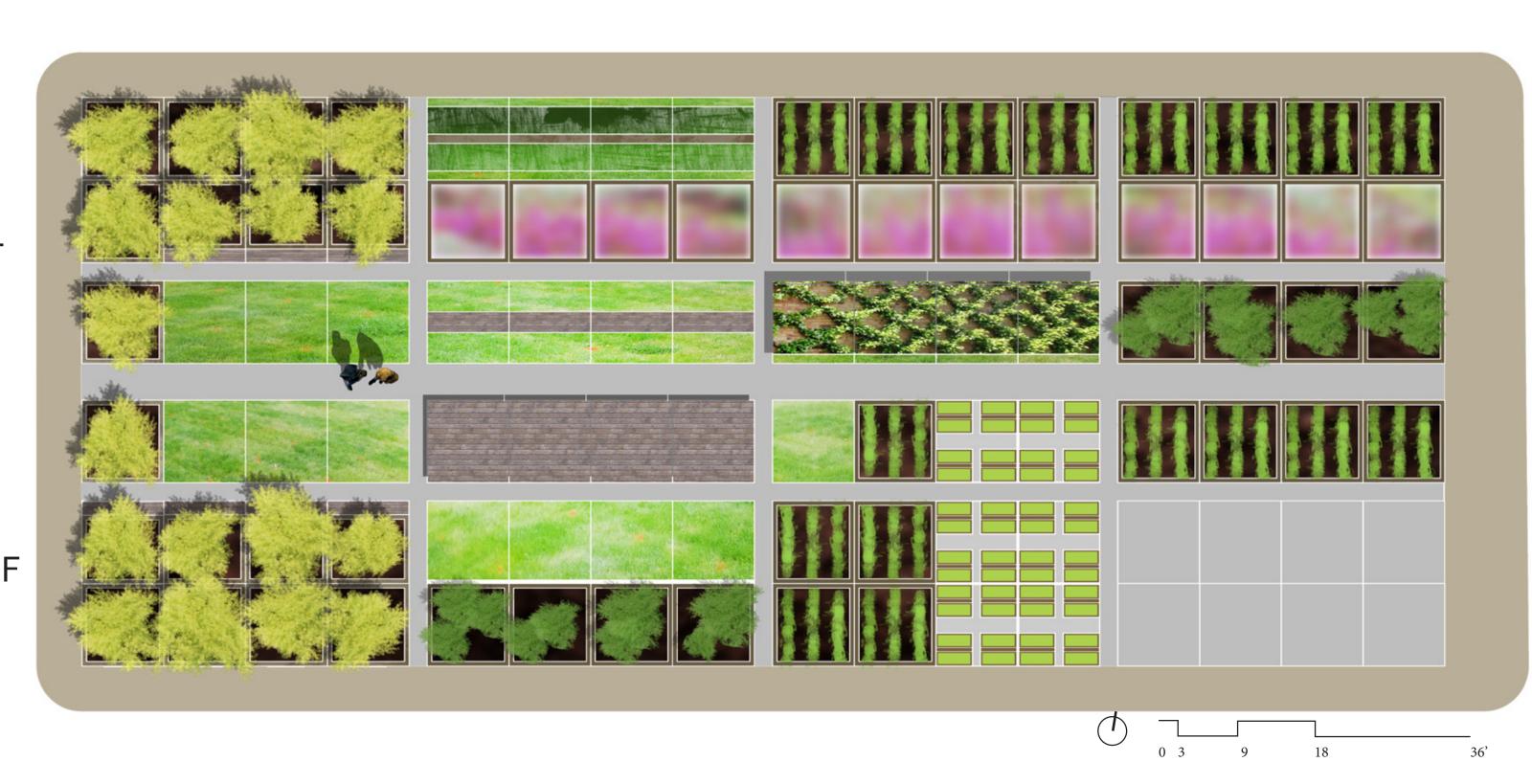
- 9% PERMEABILITY



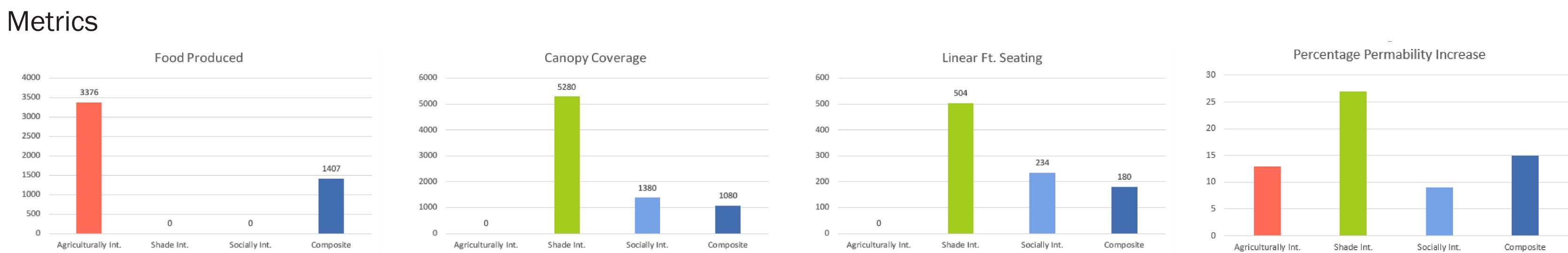


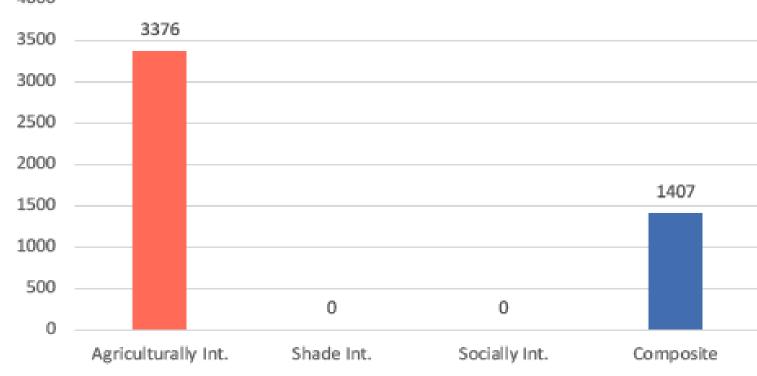


- + 18 TREES
- + 1080 SQUARE FEET OF CANOPY
- + 1407 POUNDS OF FOOD PRODUCED PER SEASON
- + 180 LINEAR FEET OF SEATING
- 15% PERMEABILITY







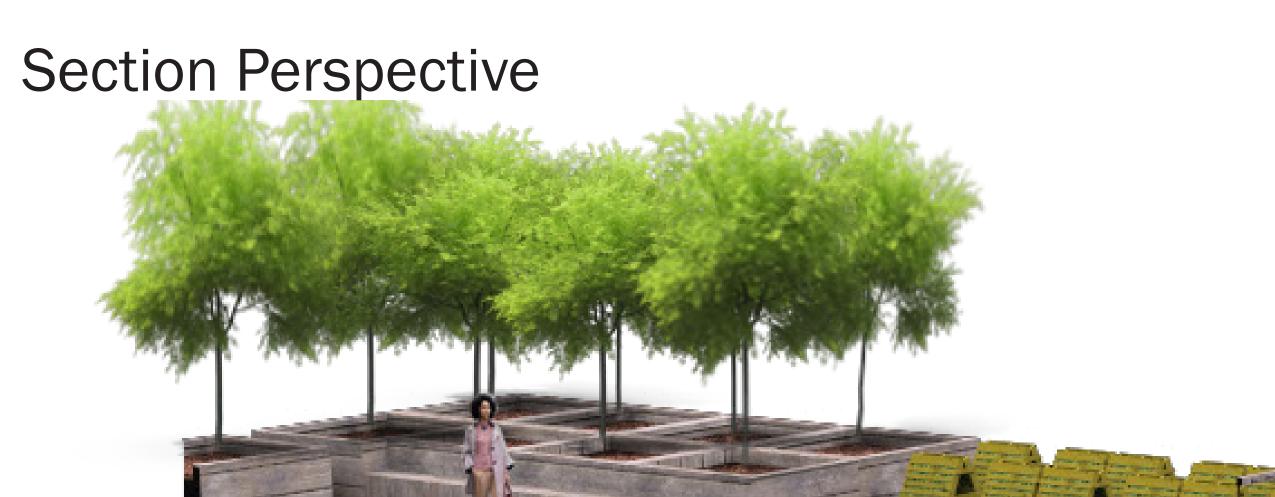


The first configuration, agriculturally intensive Design, has an extremely high food production at 3,376 pounds of food being produced annually. The composite has about 40 percent of this.

The Shade Intensive Design has 5,280 square feet of canopy cover, while the Socially Intensive and Composite Designs have about 20 percent of this at 1380 and 1080 square feet respectably.

Interestingly, while the Socially Intensive Design was intended to have the most seating, the combined seating/shade module, the Shade Intensive Design had the most seating at 504 linear feet. The Socially Intensive and Composite Designs have 234 and 180 square feet respectably.

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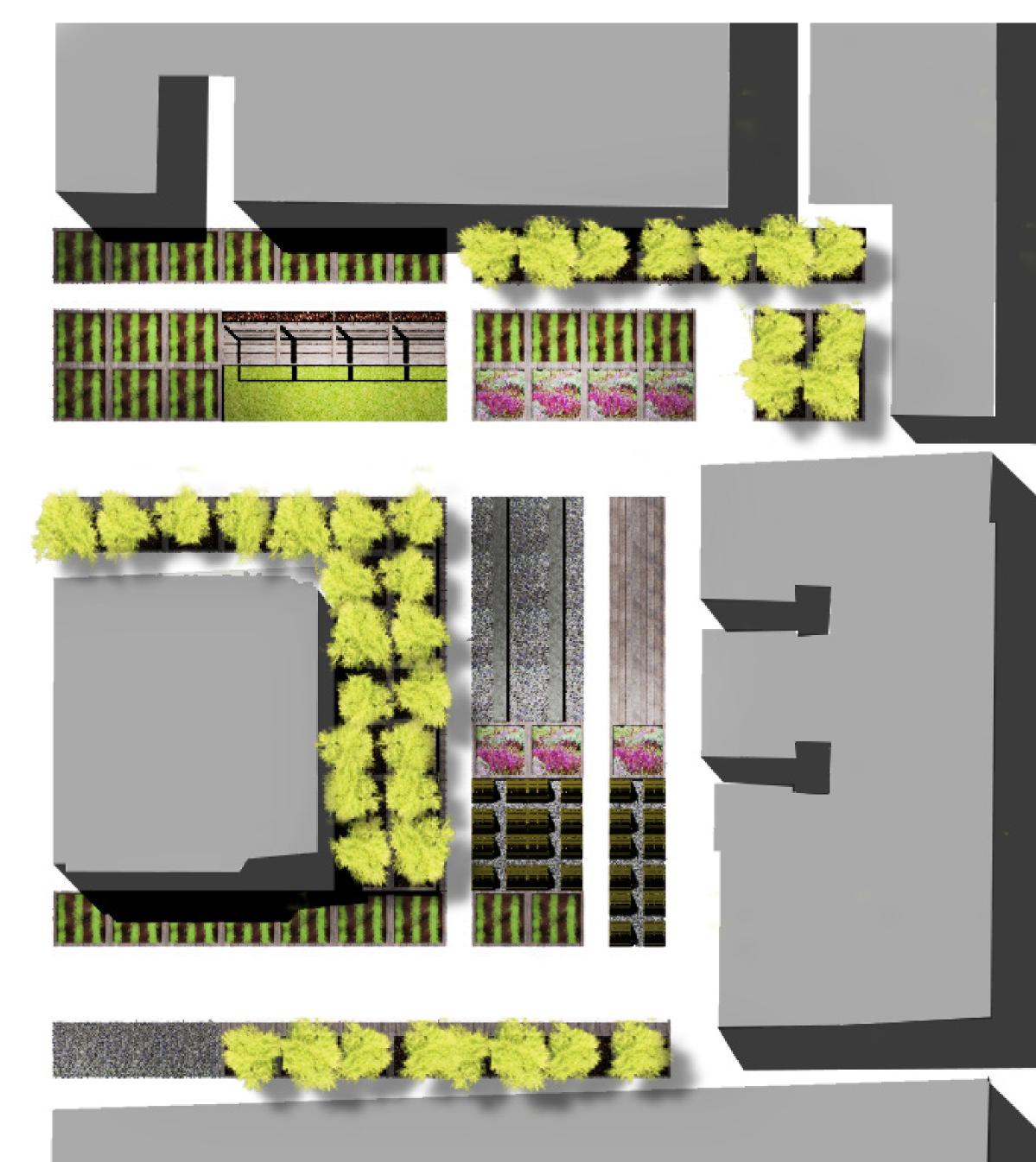


This section perspective of the composite site demonstrates the mixed site function, and the way different modules are used to create continuity and rhythm in the vacant lot. Notice how all modules sit on a 6 in layer of 2B aggregate, and have no underground elements that would inhibit easy movement.

ALTERNATIVE SITE

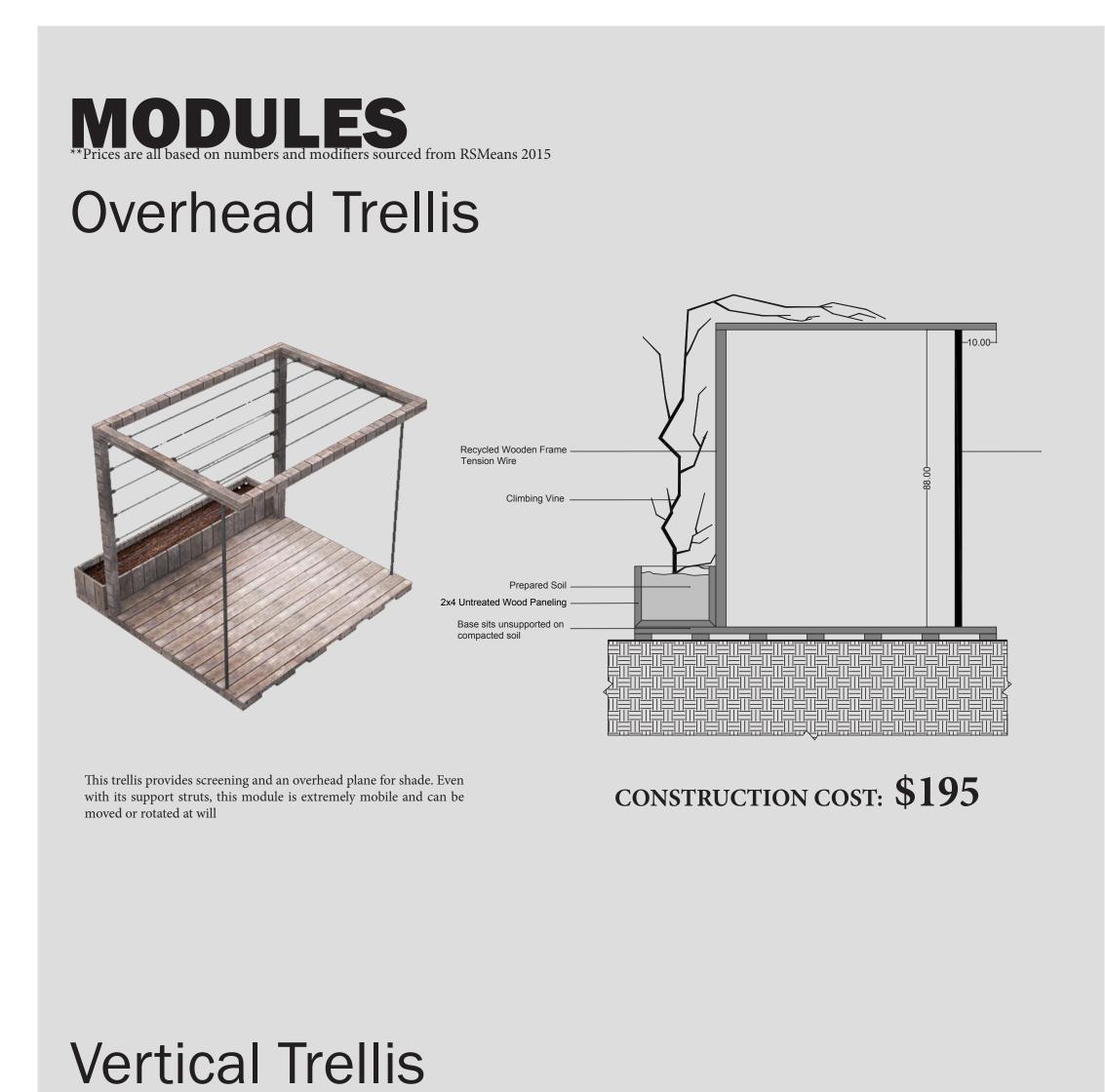
NTS

Plan



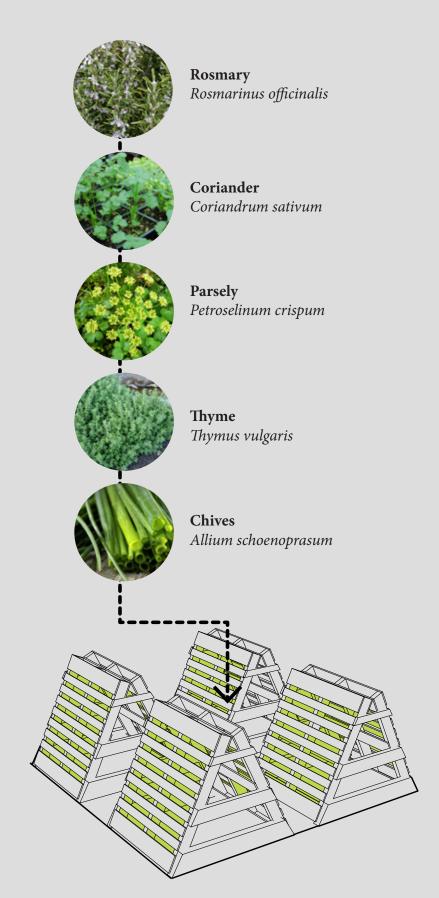
Perspective





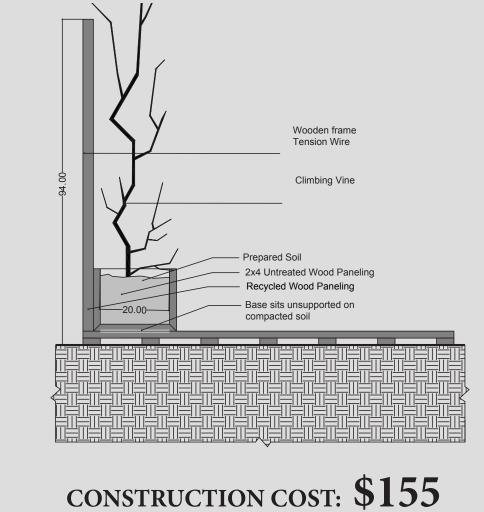


PLANT SELECTION



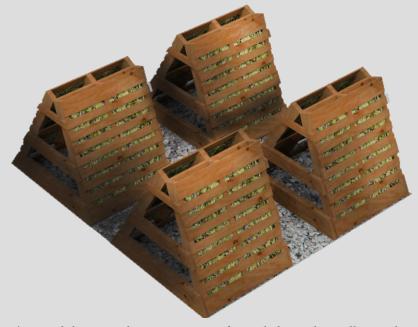
This module focuses less on production and more on added verticallity and interest to agricultural areas. Using reused pallets, this module can produce herbs such as Rosemary and Thyme at a low cost.



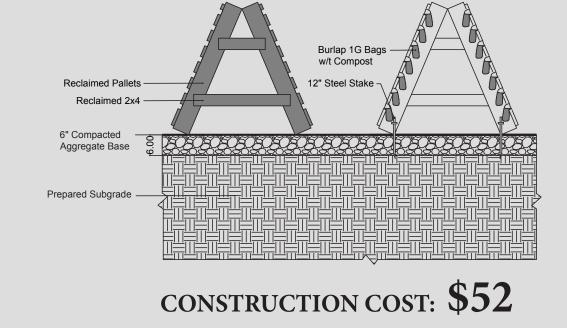


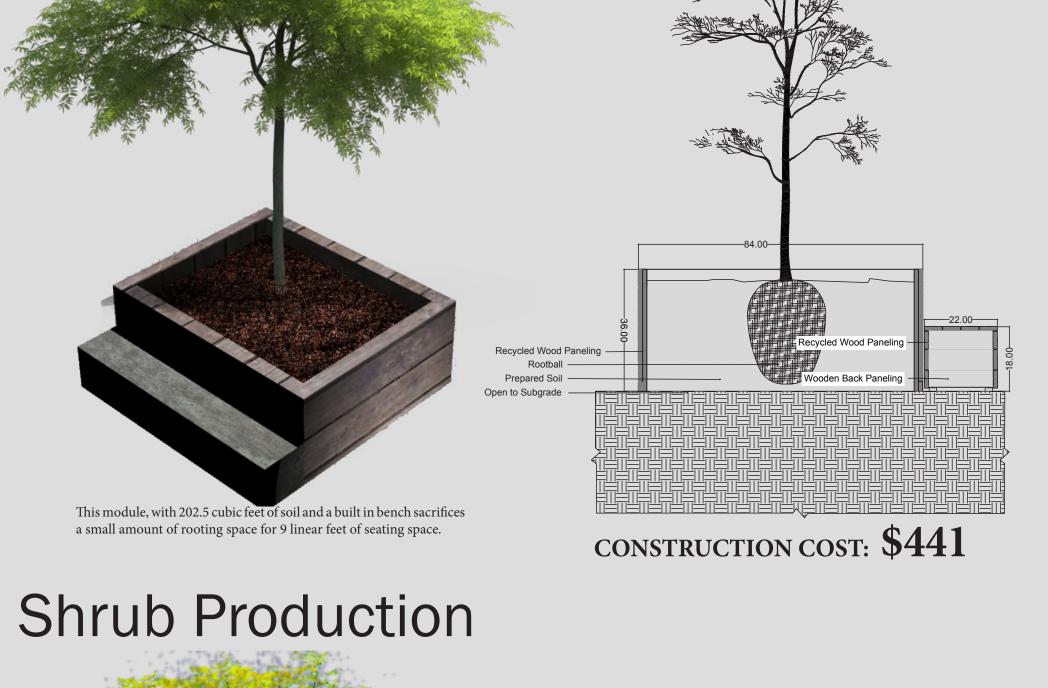
This basic trellis module can be used for agricultural purposes, but is mainly used for horticultural purposes. Flowering vines like Clematis and Wisteria can be planted in movable pots to make moving these trellises around easier.

Pallet Green Wall



This module, created using a series of recycled wooden pallets and rubber bags to contain soil, is a thrifty and efficient way to add verticallity to agriculturally intense areas and grow herbs.

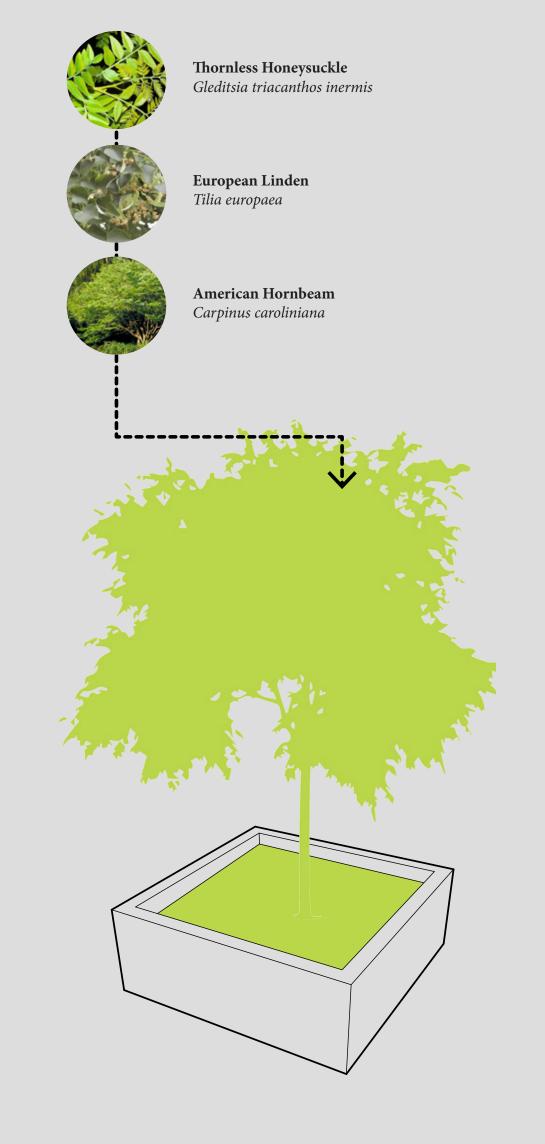




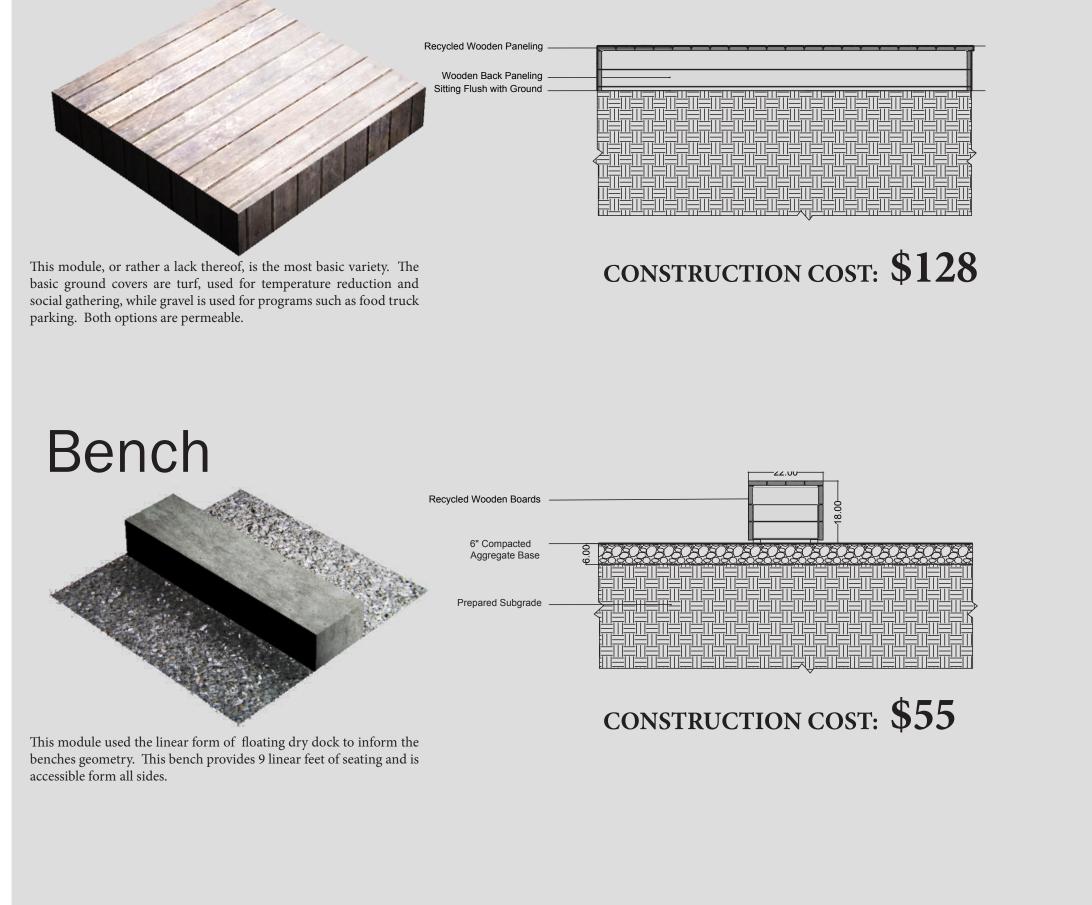


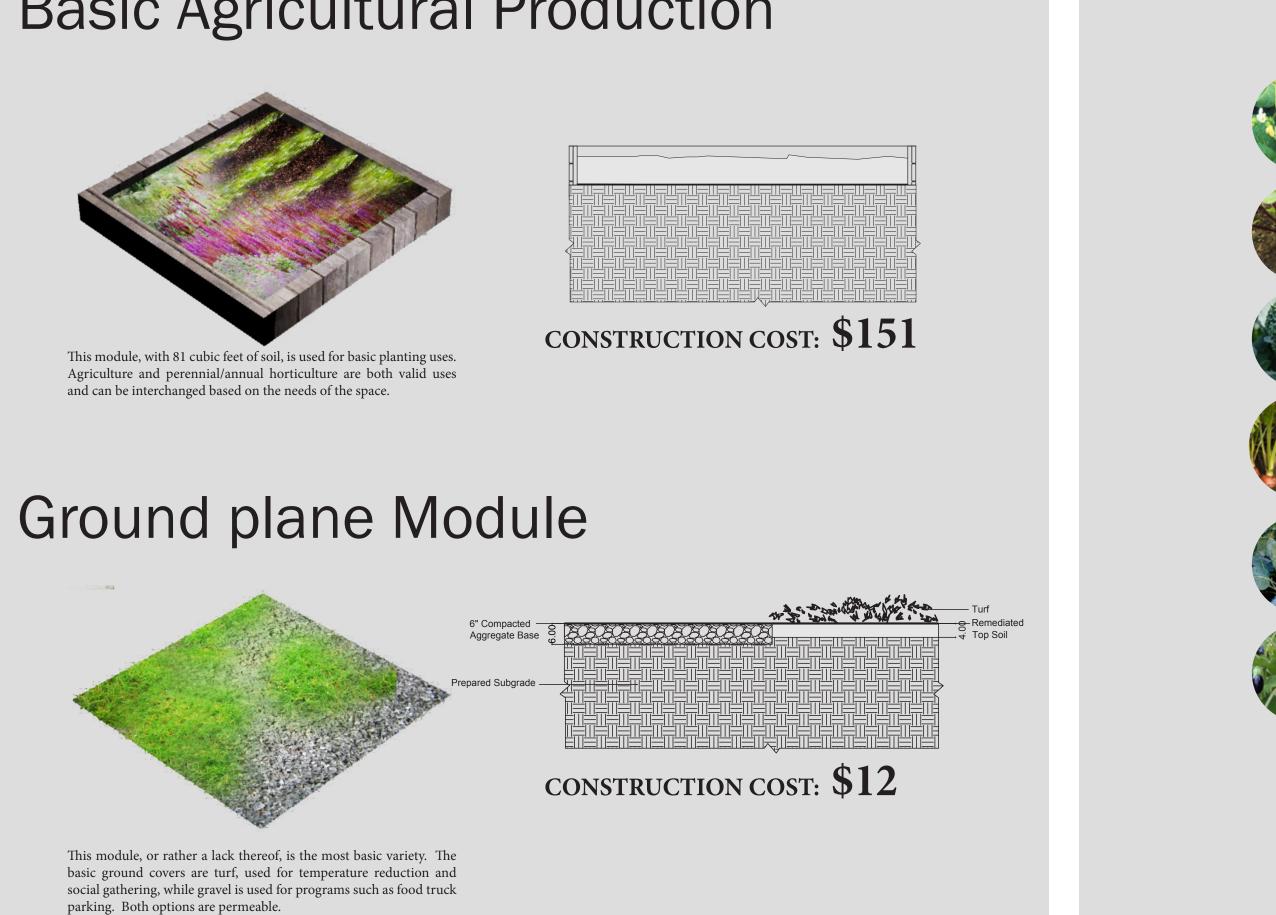
This module, similar to the basic agricultural module, differs with the amount of soil (162 versus 81 cubic feet). While more soil makes this module less mobile, it increases the amount of soil for things like shrubs like blackberries and blueberries.

Basic Agricultural Production



Tree species are should be adapted to urban conditions at Zone 4. These three species are all on the Tree Baltimore list and are approved by the City as good trees for urban shade production.





CONSTRUCTION COST: \$302



MODULAR CONFIGURATION

TEMPORAL FLUX

