[returning to the roots for growth: greater rosemont + mondawmin regeneration]

Northwest GRAMA Area



Concept

Regeneration in the biological sense is the process of **renewal**, **restoration**, **and growth** which enables cells, organisms, and ecosystems to be resilient to natural changes which cause disturbance in the system. All species are capable of **regeneration** in some form.

Ecosystems are also regenerative. After a disturbance, new species will colonize and start to grow in the altered space. In ecology, this new growth of pioneering species, as part of the successional process, is known as regeneration.

Components for Regeneration of Greater Rosemont and Mondawmin:

Renewal - re-purposing available materials for new, beneficial functions **Restoration** - highlighting the agricultural history of the neighborhood to educate people

Growth - creating new programs to help improve community and environmental health

Site Selection

The site chosen for design is located on Westwood Ave in the Northwest GRAMA area, and was selected for the following reasons:

- the relatively flat topography of the site requires minimal grading
- the southern orientation of the site, as well as the lack of existing trees, is ideal for growing many types of produce, perennials, and tree species
- its proximity to North Ave and Bloomingdale Rd allows for easy access for those commuting to the gardens via bus
 its adjacency to the Gateway Housing Complex, which is currently under construction, will provide a valuable
- resource for new residents as well as increase pedestrian traffic around the site, a crucial component for promoting "eyes on the street"

Other sites in this neighborhood may be suitable for 1 or more of the programs found on this site depending on site topography, sunlight, and visibility.



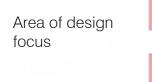
Bus stop



Convenience stores







Other sites within a 3 block radius of focus site which could potentially be used for regeneration of NW GRAMA



Garden Shed

Existing row house

Garden Resource



35'

[returning to the roots for growth: greater rosemont + mondawmin regeneration]



Productive Space: Tree Nursery, Perennial Nursery, Garden Plots

The three productive areas in the site: the tree nursery, the perennial nursery, and the community gardens reflect the idea of regeneration. The tree nursery will be on a minimum 3 year rotation, meaning that trees will be allowed to grow in the nursery for a minimum of three years. Perennials will be changed every two years and produce grown in the garden plots will be replanted annually. Once the trees and perennials reach their allotted time in the nursery they will be transplanted to tree grates and newly constructed bioswales in the GRAMA area. Garden plots may be renewed annually by residents of NW GRAMA and be used to grow food, flowers, or whatever residents desire.

Recreational Space: Spaces for Community Gathering and Relaxation

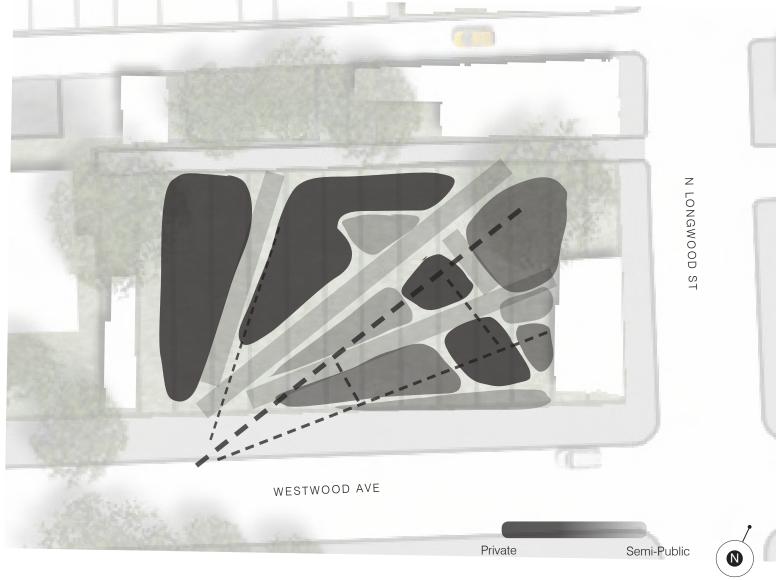
Three small grassy lawns, stepped seating, and an area sheltered by a pergola make up the gathering and relaxation spaces within the site. A gabion seating walls filled with material from deconstructed row houses in the neighborhood form seating walls and separate the site into distinct spaces. The Garden Resource area is a space for gardeners to share tips on gardening through the use of chalk boards and a lending library of gardening books. Two tool sheds, one in each plot area, are shared storage space. Two trough-like fountains act as "watering holes", as gardeners gather at this there to fill their watering cans, encouraging interaction between members.



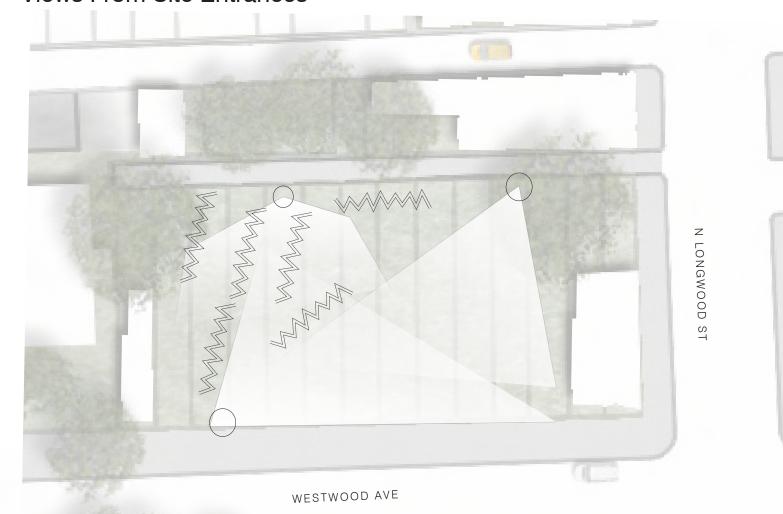
Program Functional Relationships Influence on Site Design

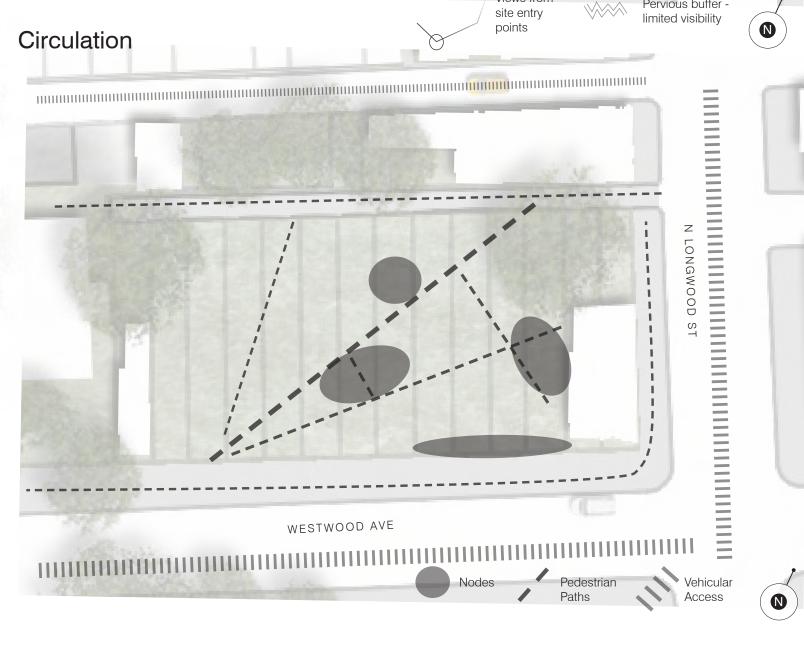
Program relationships heavily influenced the design of the site. In particular, pedestrian circulation; views from the sidewalk as well as within the site; and the need for a mix of public, semi-public, and semi-private spaces were all considered during design. Pedestrian circulation was influenced by an existing desire line extending from the mid-block area of Westwood Ave to the alley behind the site. Maintaining clear site lines was essential for safety, therefore all barriers within the are semi-transparent. Seating walls, pavement change, and elevation change visually differentiate spaces between the most public areas - the central path and gathering area, and the more private areas - the tree nursery and perennial nursery.

Program Function

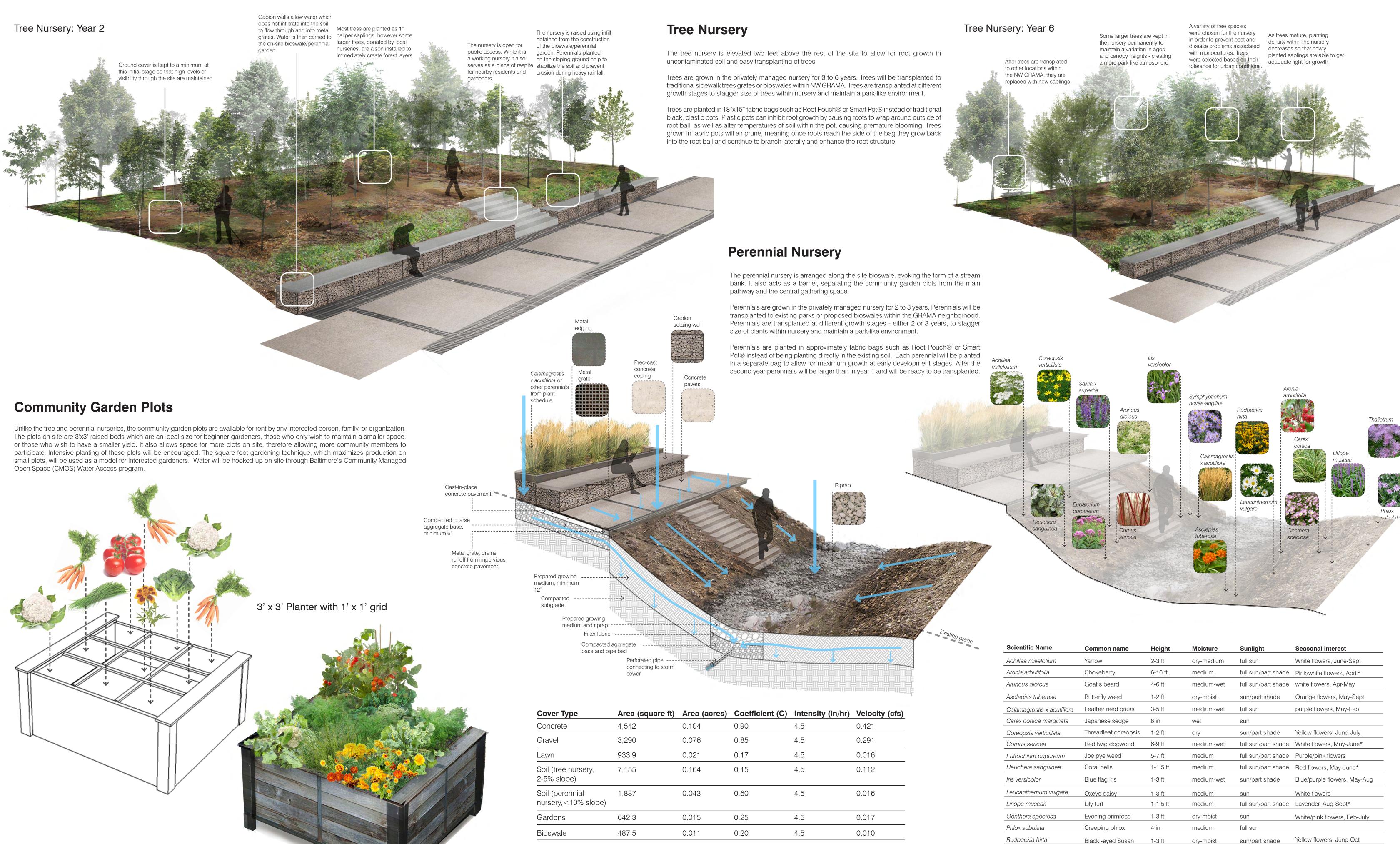


Views From Site Entrances





[returning to the roots for growth: greater rosemont + mondawmin regeneration]



0.20

4.5

0.036

1.019

1-2 ft

3-6 ft

4-6 ft

moist

medium

medium

full sun

Purple flowers

full sun/part shade Purple flowers

Purple/pink flowers, May-Aug

Hybrid sedge

Meadow rue

Symphyotrichum novae-anglae New England aster

Salvai x superba

Thalictrum rochebrune

0.040

0.475

Metal grate (drains

to bioswale, same

coefficient)

Total

1,764

20,702