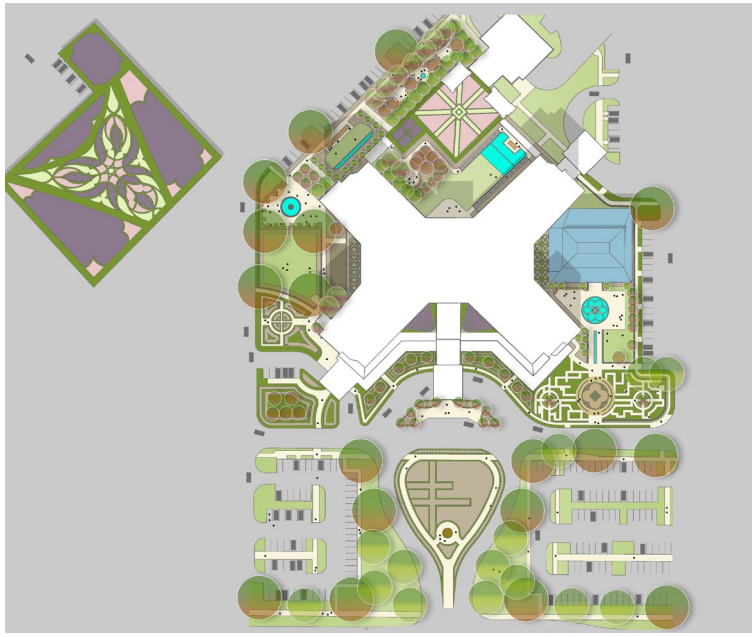


Hospital Campus Gardens & Therapeutic Spaces

Sanford Medical Center, Fargo, ND

How can a Landscape Architect create a network of hospital campus gardens, inspired by the native prairie of the Upper Midwest Region and picturesque landscapes of Europe, that promote healing to the site, the patients, and the care-givers?

Descriptive/Comparative Case Studies for Healing Gardens

Horatio's Garden - Salisbury

Horatio's Garden - Oswestry

Maggie's Cancer Caring

Mayo Clinic – Rochester, MN

User-Preference Survey for the Hospital Project Site in Fargo, ND

1

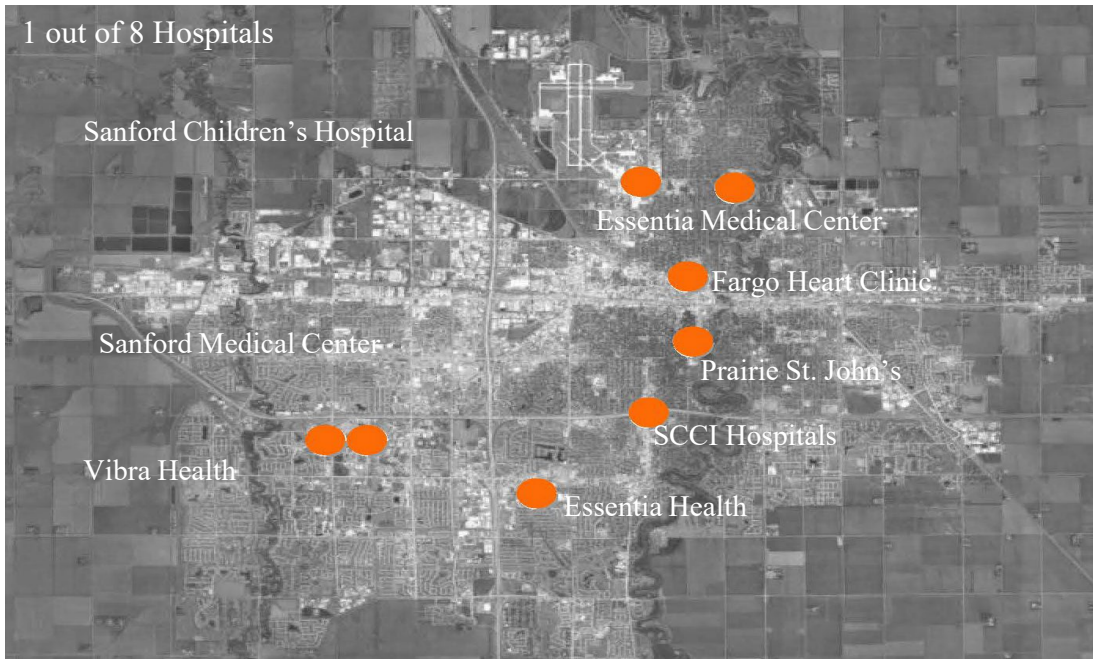
2.

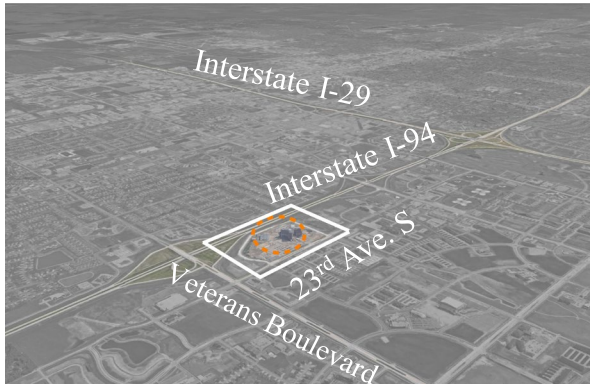
3.

4.

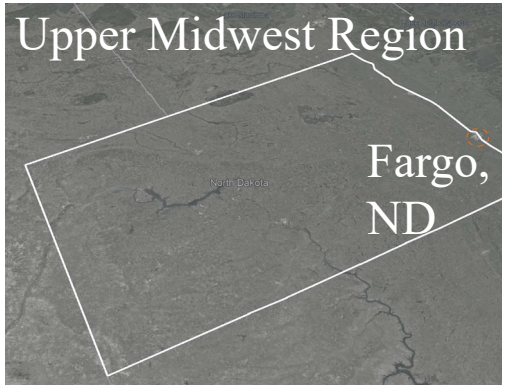
Mixed Method Research

What is a Healing Garden and why is it important? How were they historically successful? Why are there so few, if any, in the Fargo Area?





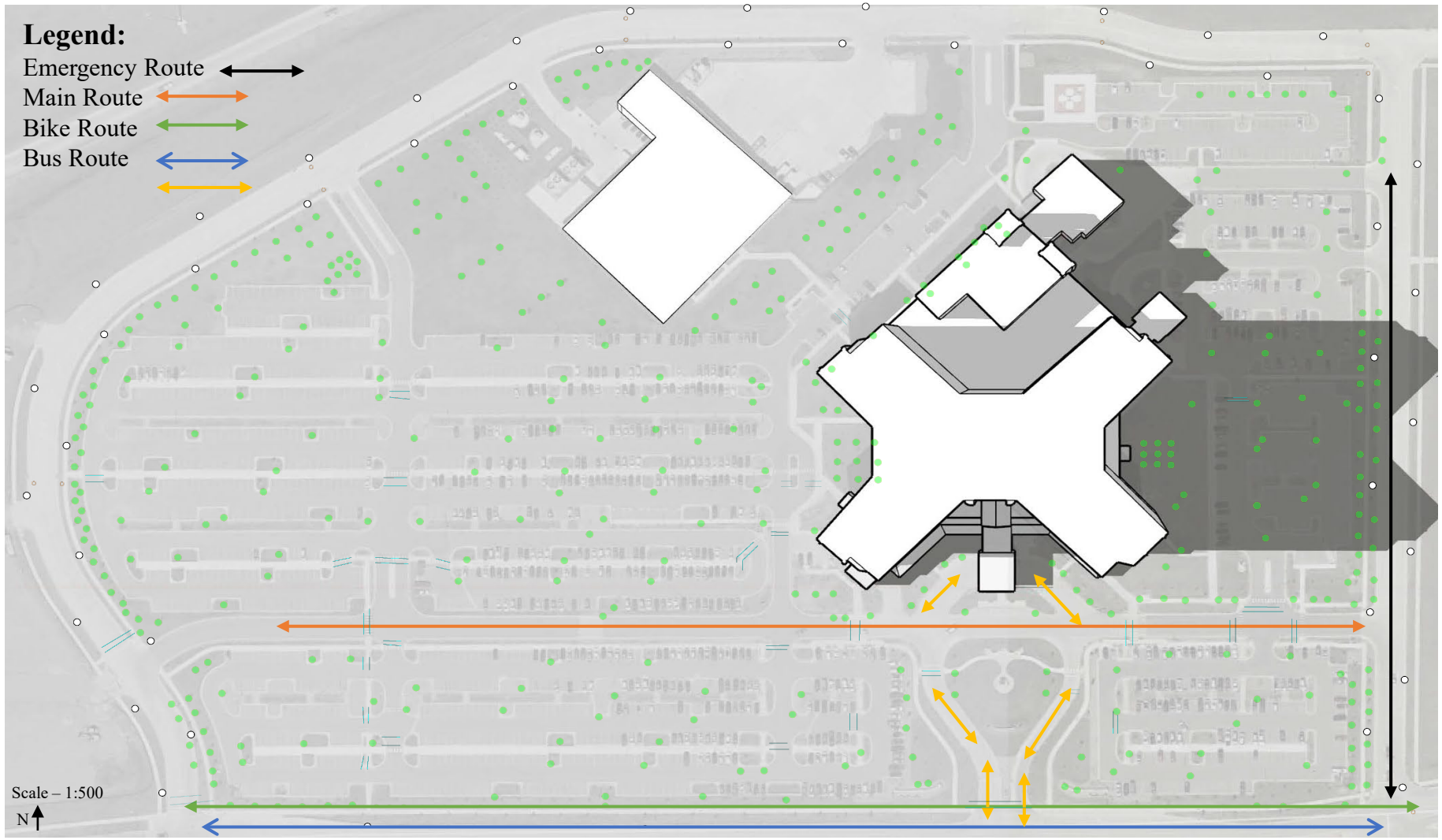
5225 23rd Ave S, Fargo, ND 58104



Fargo, North Dakota

Project Site

1 Million Square Feet, 11 Stories, 274 Feet Tall, Multi-Discipline Hospital



Project Site Analysis

Property – 39 Acres – 1,680,000 Sq. Ft.
Building Footprint – 6 Acres – 261,360 Sq. Ft.

Main Building – 4.9 Acres
Utility Building – 1.1 Acres
Flat Roof Space – 1.2 Acres

Landscape – 12 Acres – 522,200 Sq. Ft.

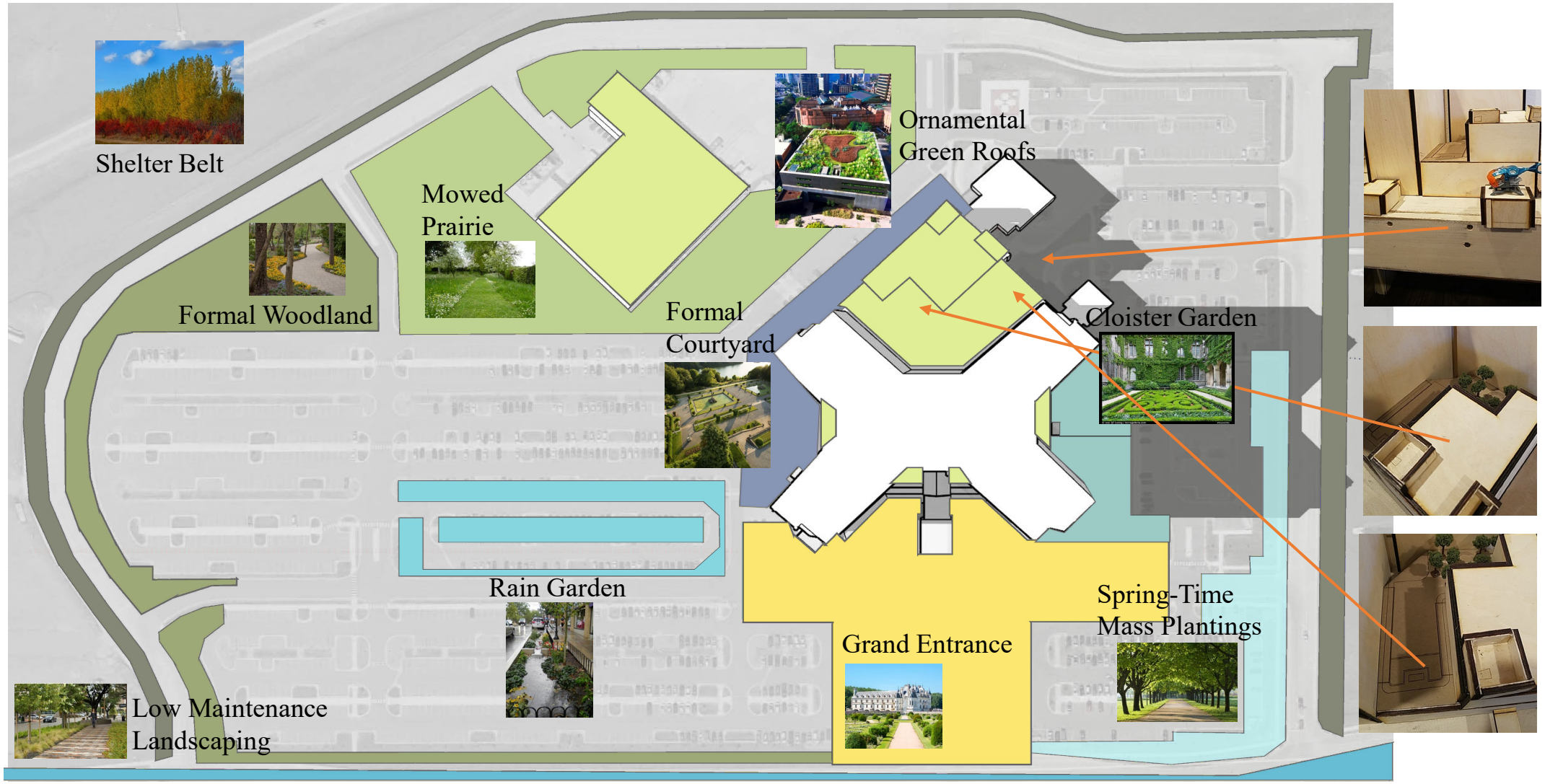
Trees – 500 Deciduous & Evergreen
Planting Beds – Over 50
2ft Contours
Soils: 40-60% Clay

Hardscape – 21 Acres – 914,760 Sq. Ft.

Storm Water Drainage – 60 Visible Locations
Parking Lot – 22 Acres
Parking Spaces – 1,560 Spaces
Sidewalks – 27 Miles – Combined Total
Crosswalks – 23 Locations
Bikes Lanes – 1 Lane – Unmarked
Bus Route – Mat Bus – Route 24 – D & I
Streetlights – 49 Light Poles

Connected Context – 32 Acres – 1,410,880 Sq. Ft.

Courtyard by Marriott – 116,530 Sq. Ft.
Bell Bank – 27,860 Sq. Ft.
Casey's General Store – 27,860 Sq. Ft
Tobacco City –27,860 Sq. Ft.
McDonald's – 51,260 Sq. Ft.
Four Points by Sheraton – 118,570 Sq. Ft.
Central Park Apartments – 616,190 Sq. Ft.
Amber Ridge Apartments – 254,780 Sq. Ft.
Country Meadow Apartments – 169,970 Sq. Ft.

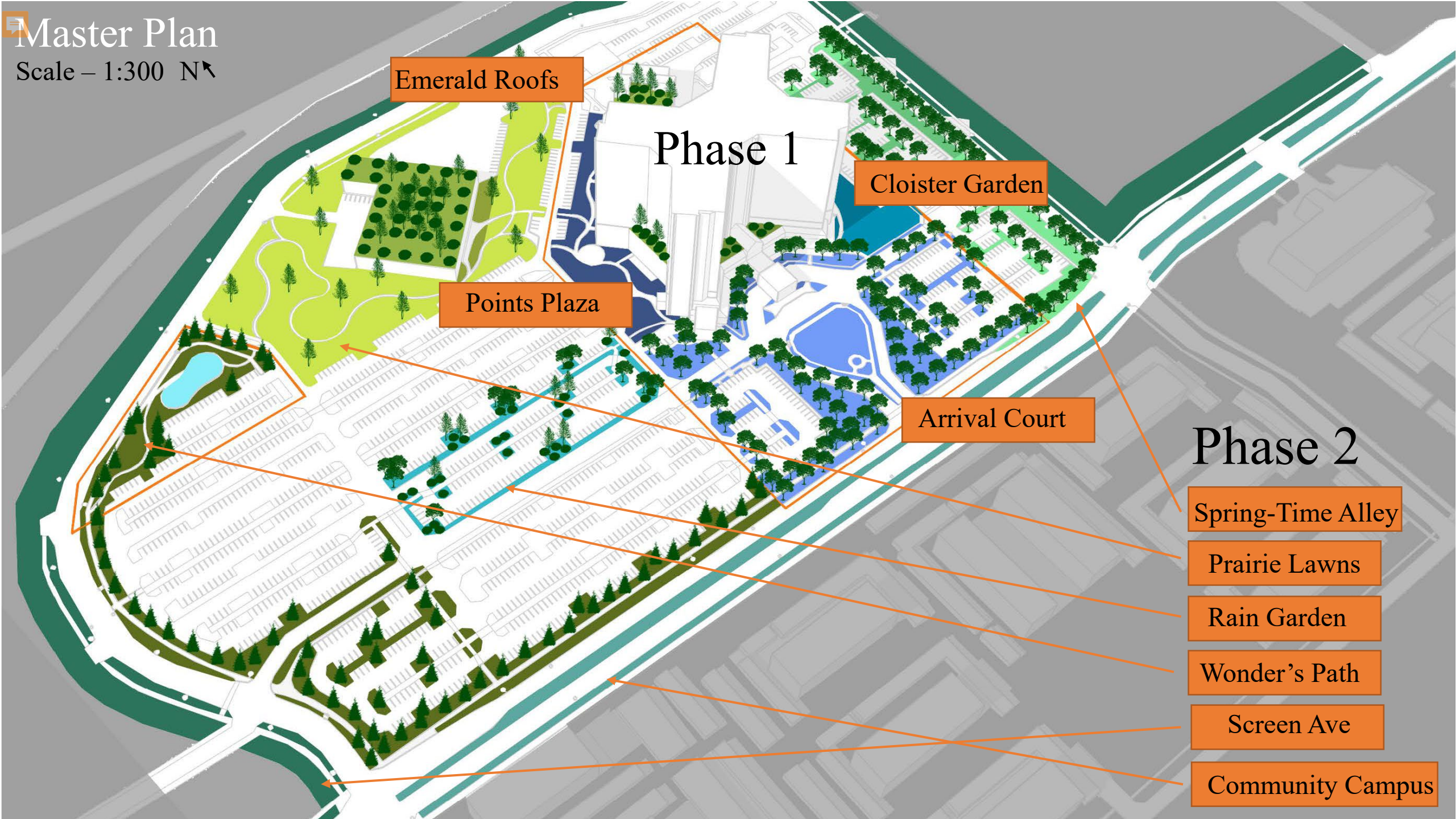


Programming & Performance

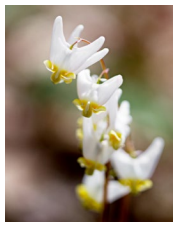
10 Spaces to fix: Broken Circulation with Site Elements, Under-Developed Landscapes mainly around the Hospital, Heavy Weather Elements on all sides of the Hospital which include 3 quarters of Shade

Master Plan

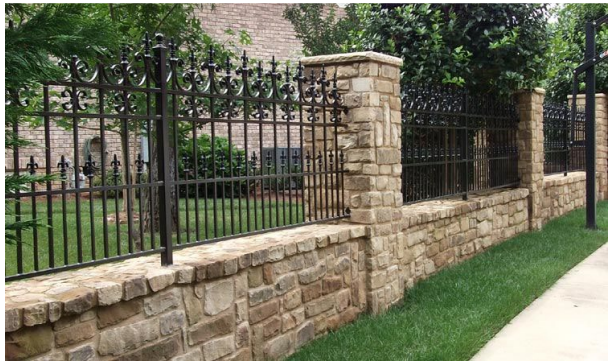
Scale – 1:300 N



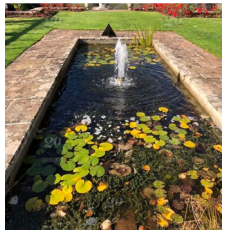
Plant Palette

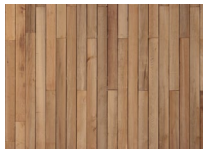


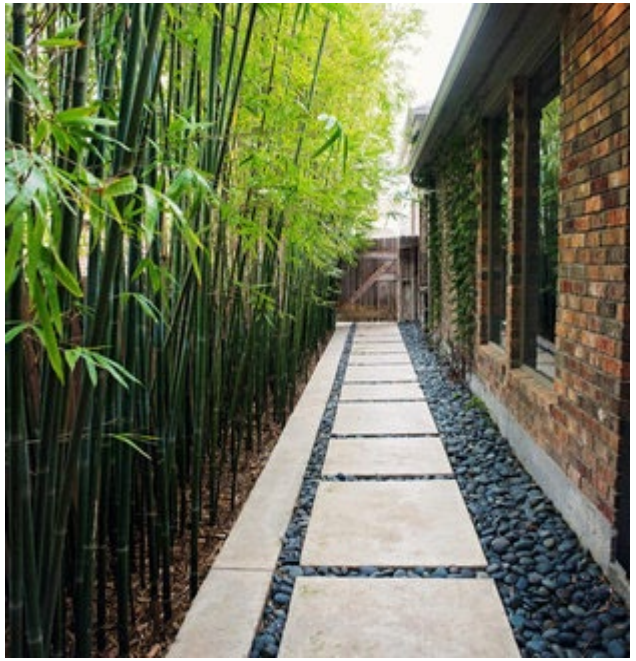
Site Furnishings Palette

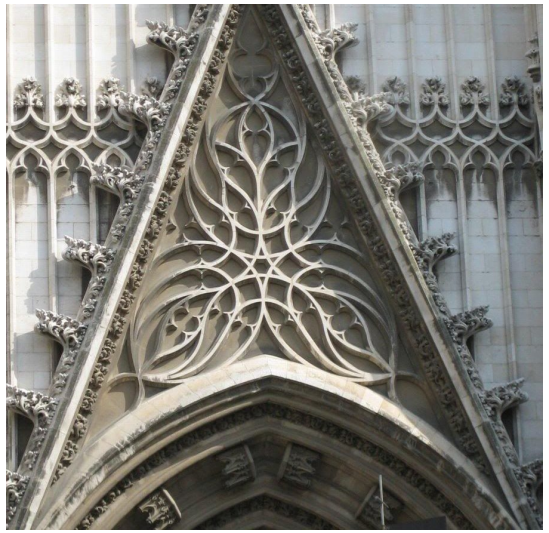


Structural Palette

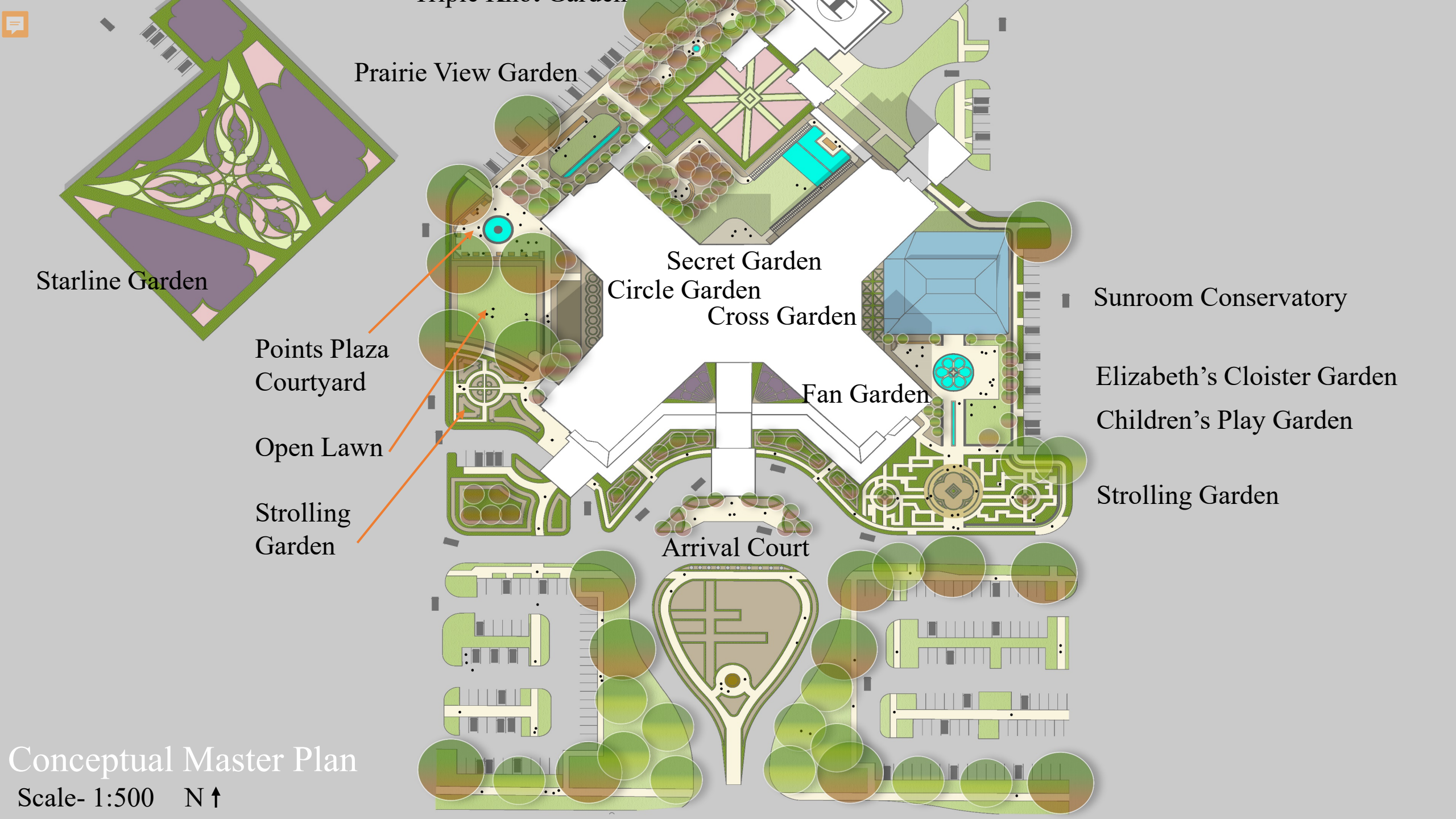








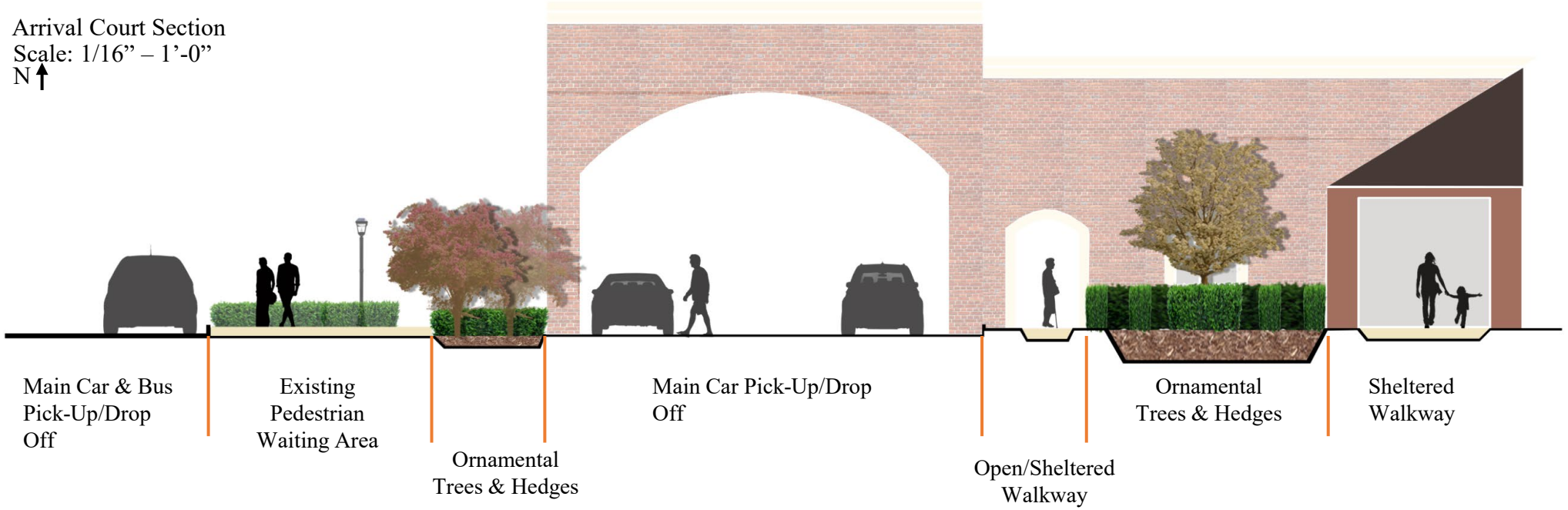
Modern Day Gothic Architecture within a Medieval Landscape



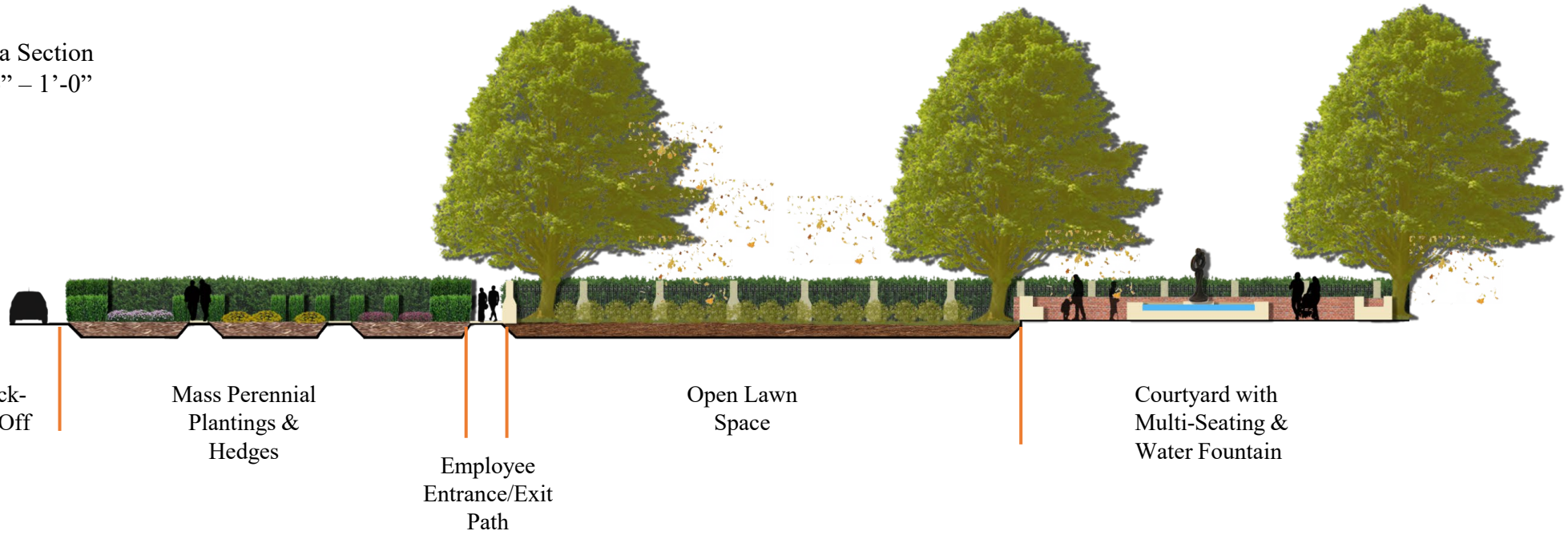
Conceptual Master Plan

Scale- 1:500 N

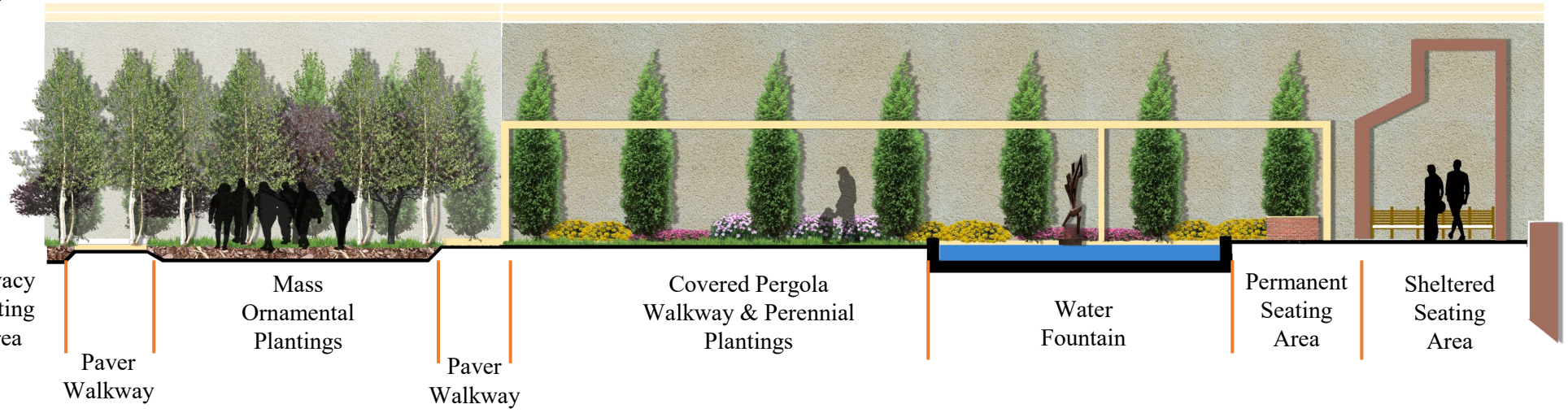
Arrival Court Section
Scale: 1/16” – 1’-0”
N



Points Plaza Section
Scale: 1/16” – 1’-0”
N

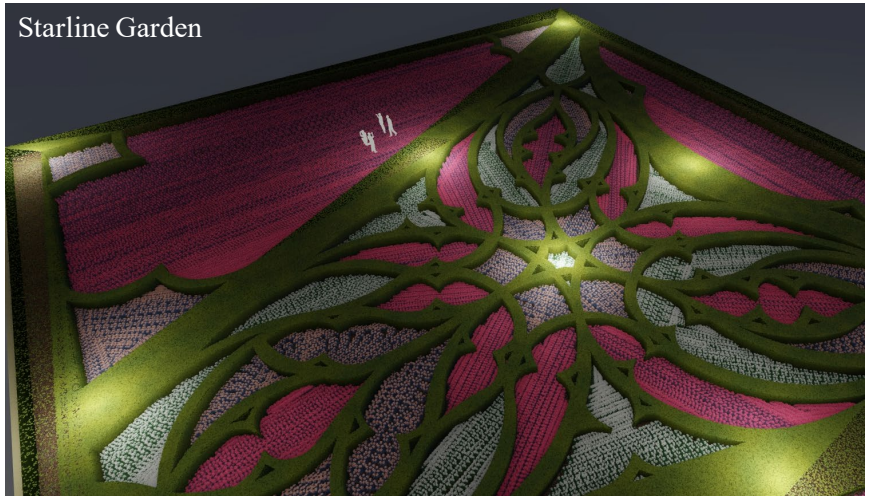


Secret Garden Section
Scale: 1/16” – 1’-0”
N ←

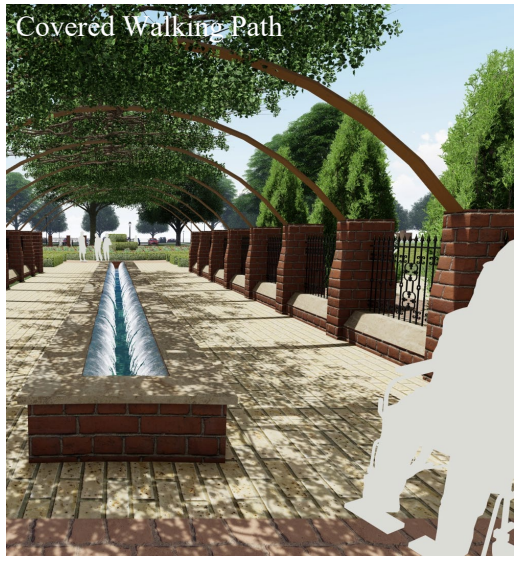


Elizabeth Cloister Garden Section
Scale: 1/16” – 1’-0”
N ↑

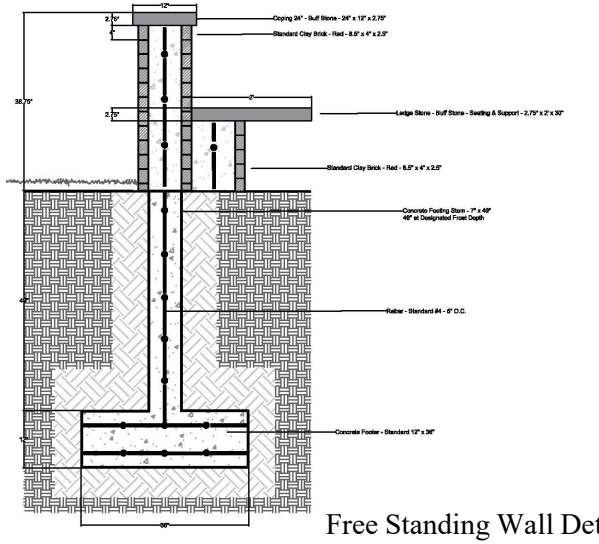
The Secret Garden



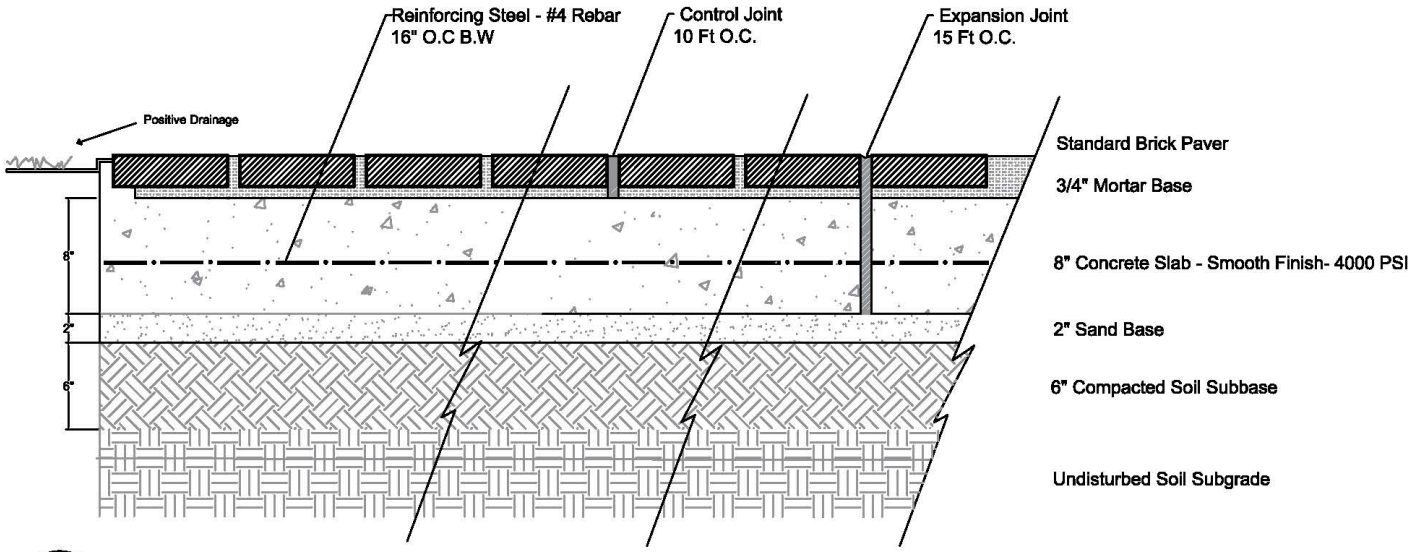
Points Plaza, Starline Garden, Prairie View Garden & Triple Knot Garden



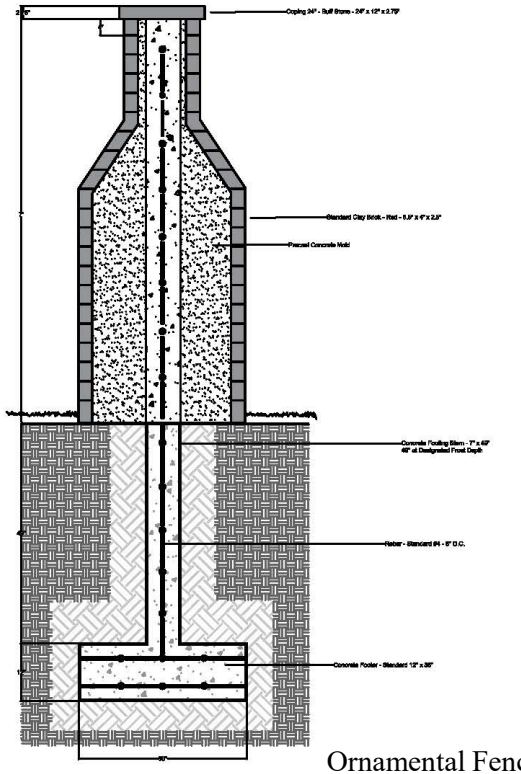
The Elizabeth Cloister Garden & Sunroom Conservatory



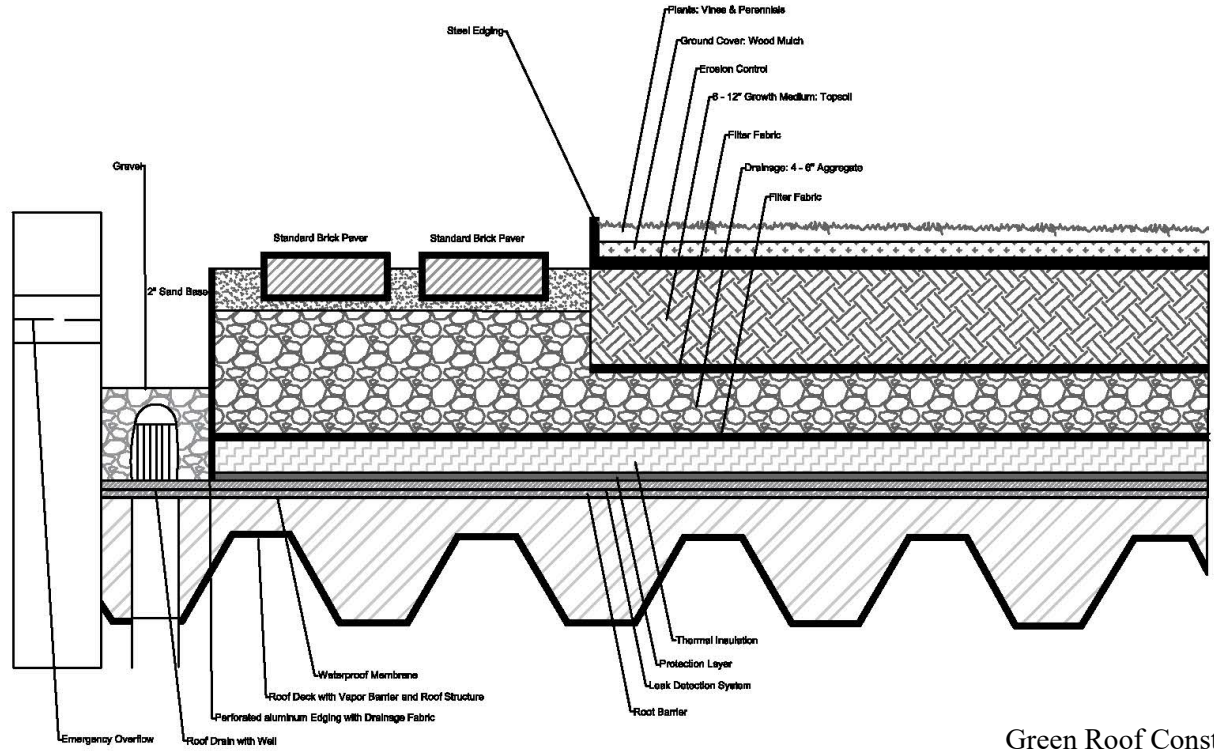
Free Standing Wall Detail



Mortar Set Paver Detail



Ornamental Fence & Block Wall Detail



Green Roof Construction Detail