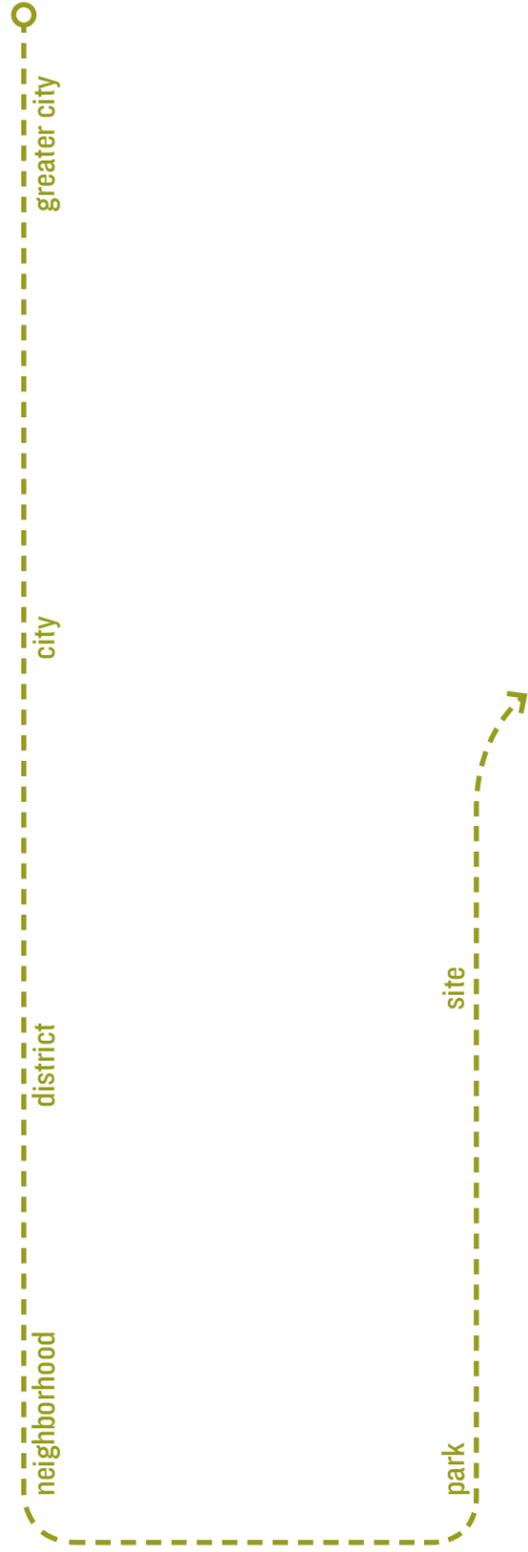




design advisory committee  
application 08.05.14

EDIBLE SCHOOLYARD AT  
ARTHUR ASHE CHARTER SCHOOL  
5129 cartier ave.

**COLECTIVO**  
COLLABORATE | DESIGN | FABRICATE  
747 louisiana ave  
new orleans, la



GARDENA DRIVE

ARTHUR ASHE CHARTER SCHOOL

OAK PARK

RIVIERA AVE

CARTIER AVE

# CURRENT SITE

The site is a small section of an existing 11-acre park operated by the New Orleans Recreation Department (NORD). This section of the park is open to the public for recreation and it is and will continue to be utilized by students and teachers at the adjacent school, Arthur Ashe Charter School, as part of their curriculum centered around planting, nurturing, harvesting, and growing edible plants. There are several gardening beds and composting areas on the proposed site, but no structures, paths, or the like.



EXISTING SITE PHOTOS (keyed to site plan)

## PROJECT DESCRIPTION

The proposal consists of three primary components: (1) a Greenhouse, (2) an open-air Pavilion, and (3) a Walkway and Trellis structure that runs the length of the site. It should be noted that the requested FEMA funding is not for the entire proposal, but will leverage funding from several sources, including the Ruth Fertel Foundation and the Emeril Lagasse Foundation as well as capital improvements funds reserved for this work by FirstLine Schools and Edible Schoolyard New Orleans.

### GREENHOUSE

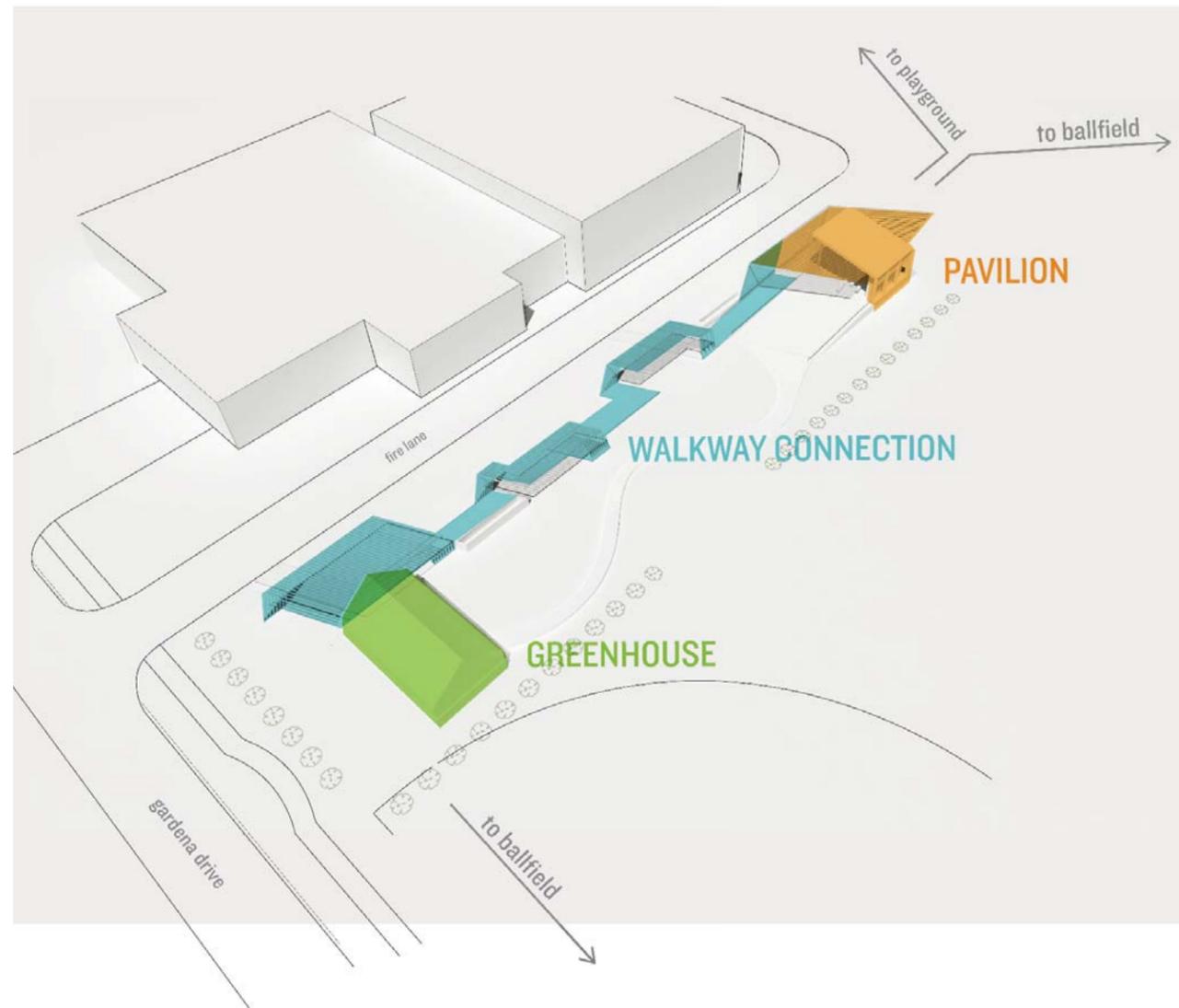
A kit greenhouse built on a concrete slab measuring approximately 20' x 40'. The structure will feature steel framing and polycarbonate glazing assembled on top of a 3' tall concrete block foundation wall. Construction of the greenhouse is anticipated to begin in Fall 2014, prior to all other components.

### PAVILION

An outdoor, open-air space used by Arthur Ashe Charter School as a teaching space and by neighborhood residents as a public pavilion. The pavilion is intended to provide a link between the gardening space and Oak Park. A central component of this pavilion is an earthen berm sloping from the pavilion floor down to Oak Park on one side and the gardening space on the other. Primary materials for the pavilion consist of subsurface pilings (concrete caissons or wooden pilings), a concrete slab floor, structural steel frame, metal roofing, and a wooden slatted ceiling surface.

### WALKWAY

A pathway that provides a link between Gardena Avenue, the Greenhouse, and the Pavilion with two gathering spaces along the way. This pathway connects all project components and consists of an ADA-compliant ramp that provides access to the Pavilion space (which is raised approximately 3 feet above grade). Additionally, the walkway will have a large, structured trellis adjacent to the Greenhouse, and a smaller trellis between the Greenhouse and Pavilion. Primary materials consist of continuous reinforced concrete curb footings, gravel infill, and moisture-resistant wood or composite decking (TBD). Trellis materials are similar, with the addition of structural steel frames.





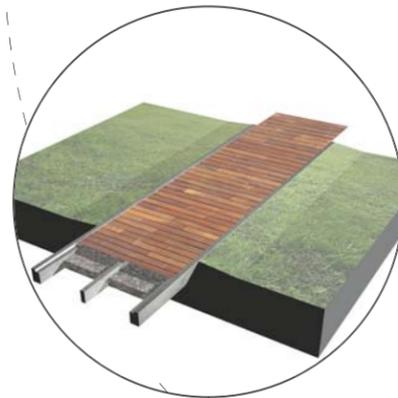
VIEW FROM INSIDE PAVILION  
LOOKING TOWARDS GARD



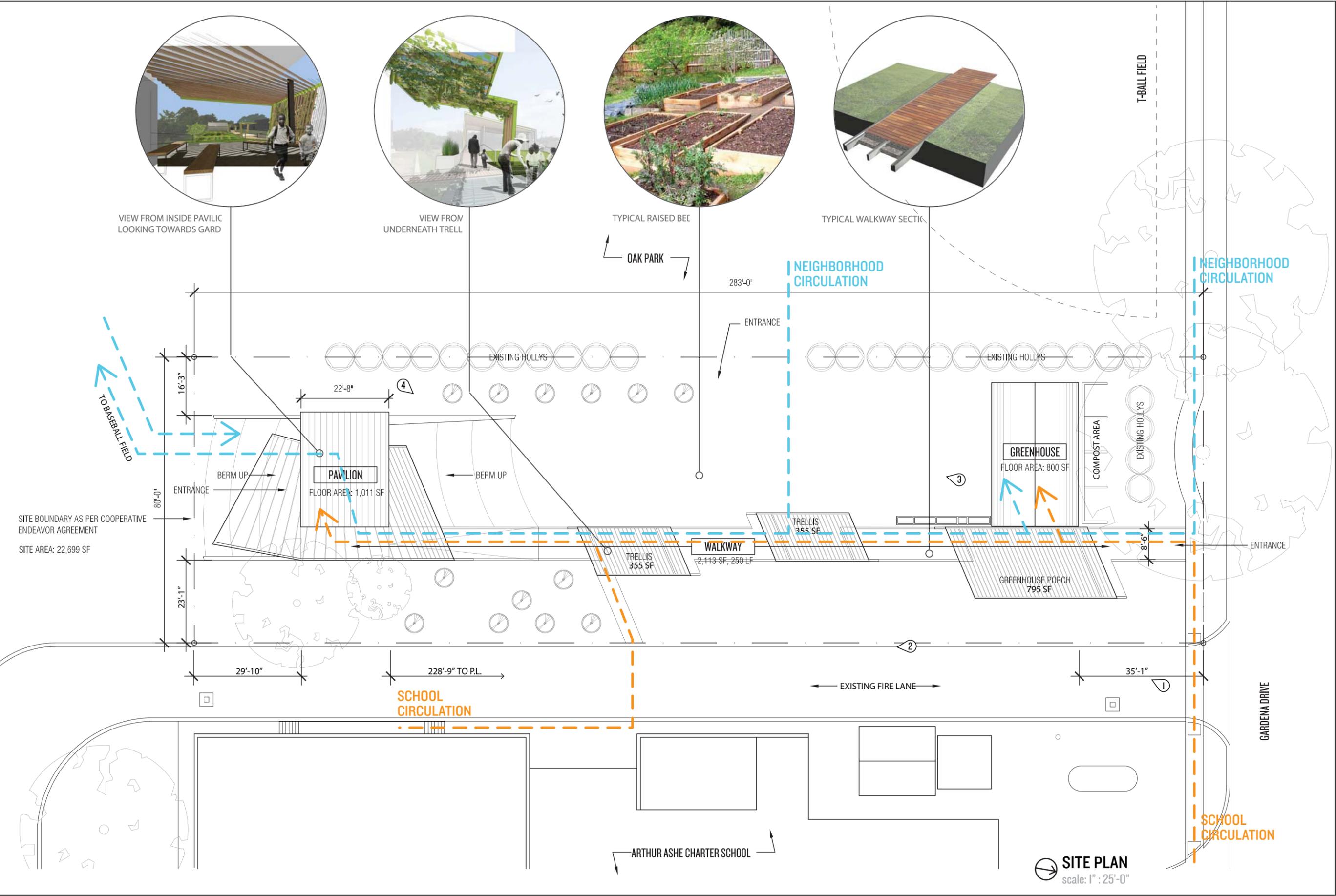
VIEW FROM  
UNDERNEATH TRELL



TYPICAL RAISED BEC



TYPICAL WALKWAY SECTIC

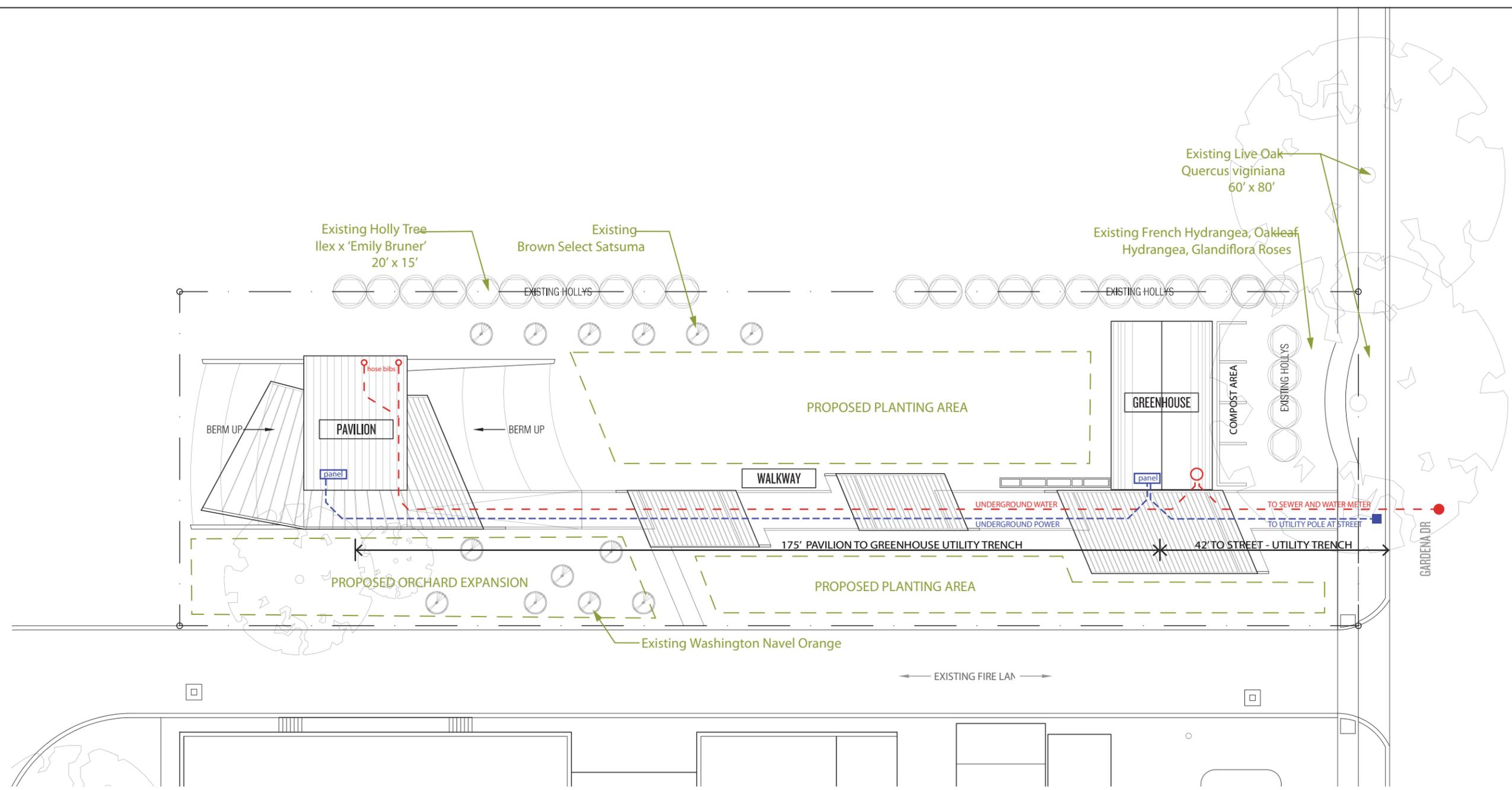


TO BASEBALL FIELD

SITE BOUNDARY AS PER COOPERATIVE  
ENDEAVOR AGREEMENT  
SITE AREA: 22,699 SF

ARTHUR ASHE CHARTER SCHOOL

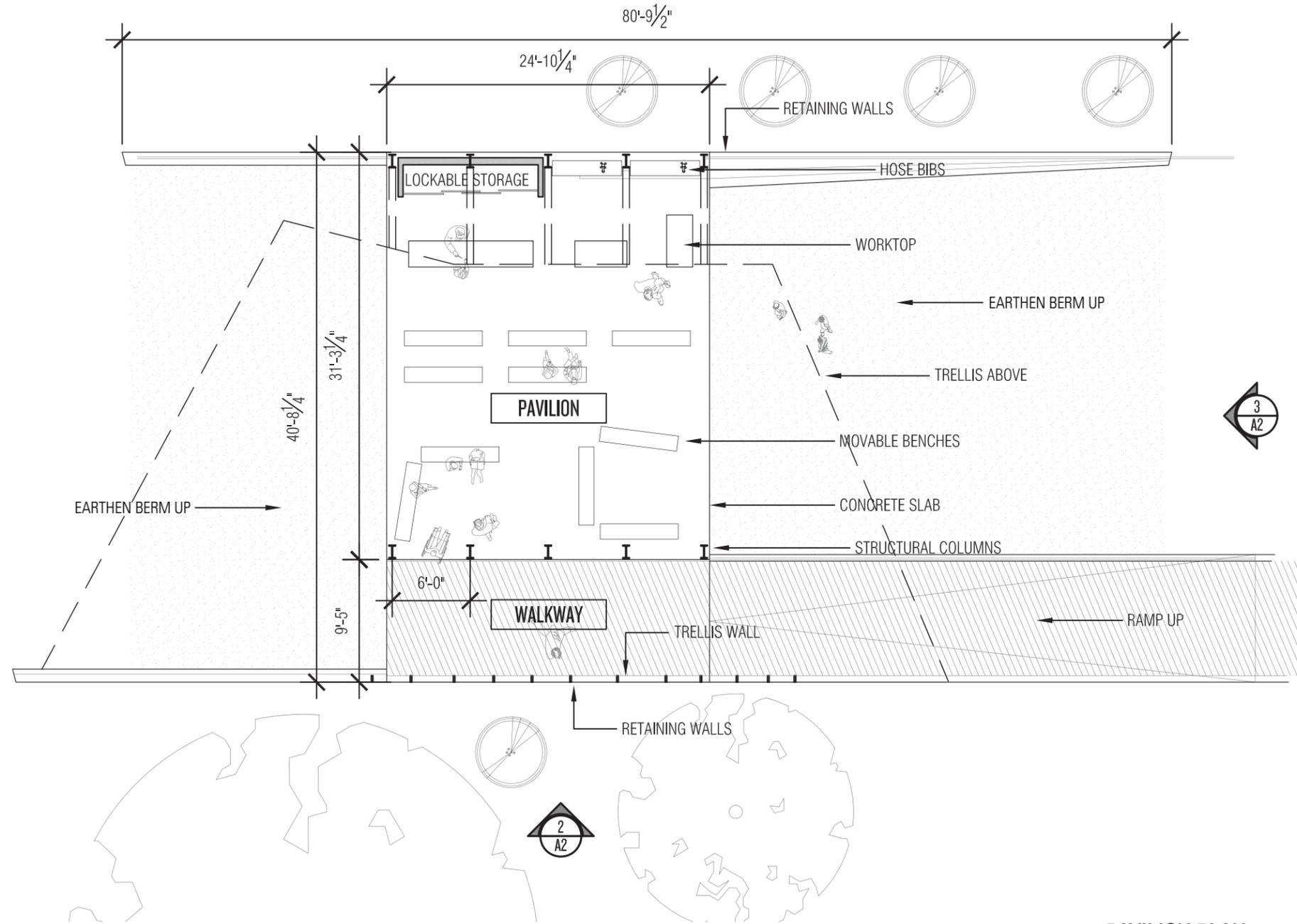
**SITE PLAN**  
scale: 1" : 25'-0"



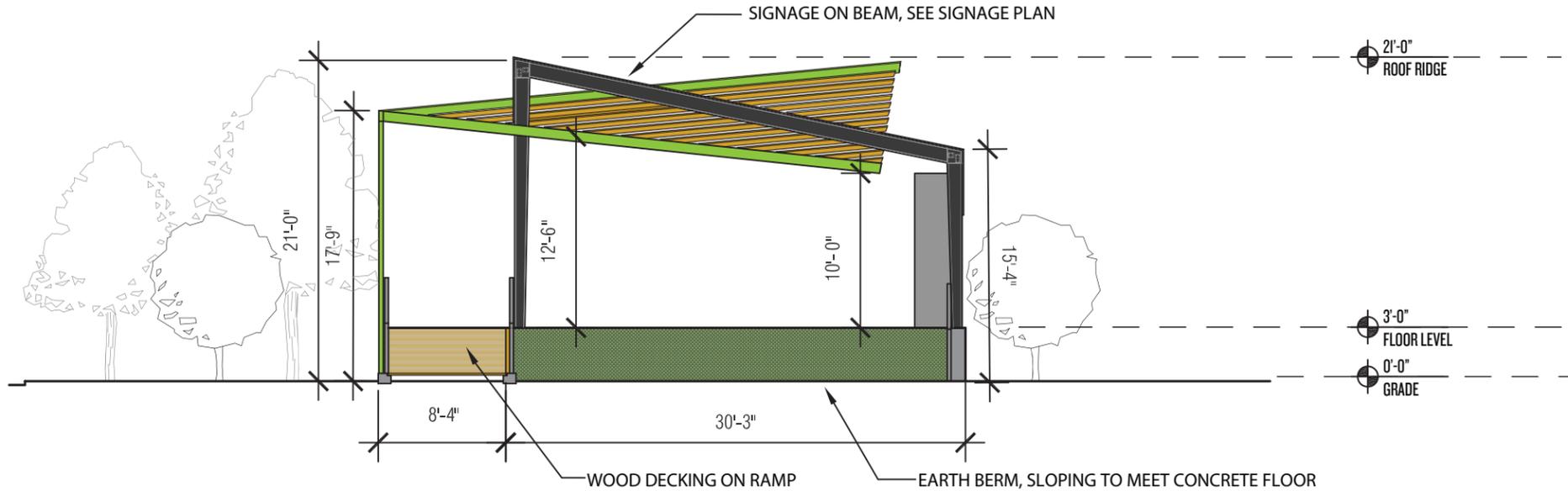
EXISTING PLANTS		
COMMON NAME	LATIN NAME	SIZE
Live Oak	Quercus virginiana	60' x 80'
Oakleaf Hydrangea	Hydrangea quercifolia	8' x 8'
French Hydrangea	Hydrangea macrophylla	8' x 8'
Rose	Rosa grandiflora	7' x 5'
Holly	Ilex x 'Emily Bruner'	20' x 15'
Washington Navel Orange	Citrus Sinensis	20' x 20'
Brown Select Satsuma	Citrus Reticulata	20' x 20'

PROPOSED PLANTS	
VARIOUS PERENNIAL FRUITING TREES	
Washington Navel Orange	Plantain
Brown Select Satsuma	Avocado
Fig	Peach
Muscadine Grape	Pecan
Blackberry	Paw Paw
Blueberry	Persimmon
Banana	+ VARIOUS ANNUAL FRUITS + VEGETABLES

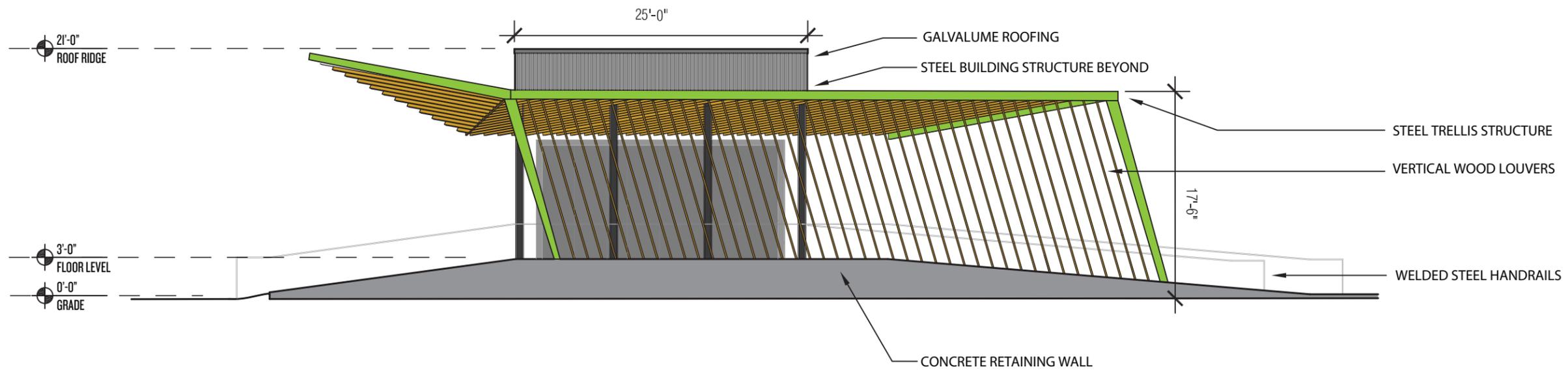
**LANDSCAPING + UTILITY PLAN**  
scale: 1" : 25'-0"



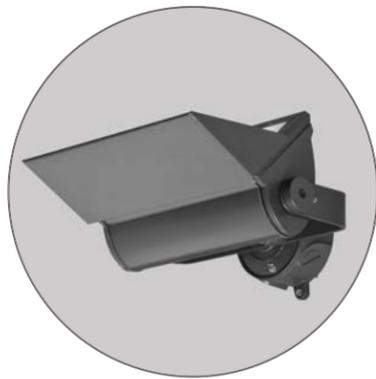
**PAVILION PLAN**  
 scale: 1" : 10'-0"



**EAST PAVILION ELEVATION**  
scale: 1" : 10'-0"



**NORTH PAVILION ELEVATION**  
scale: 1" : 10'-0"



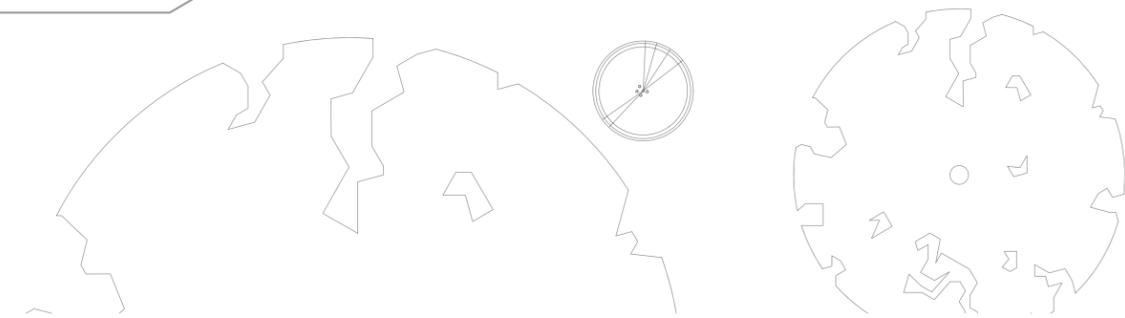
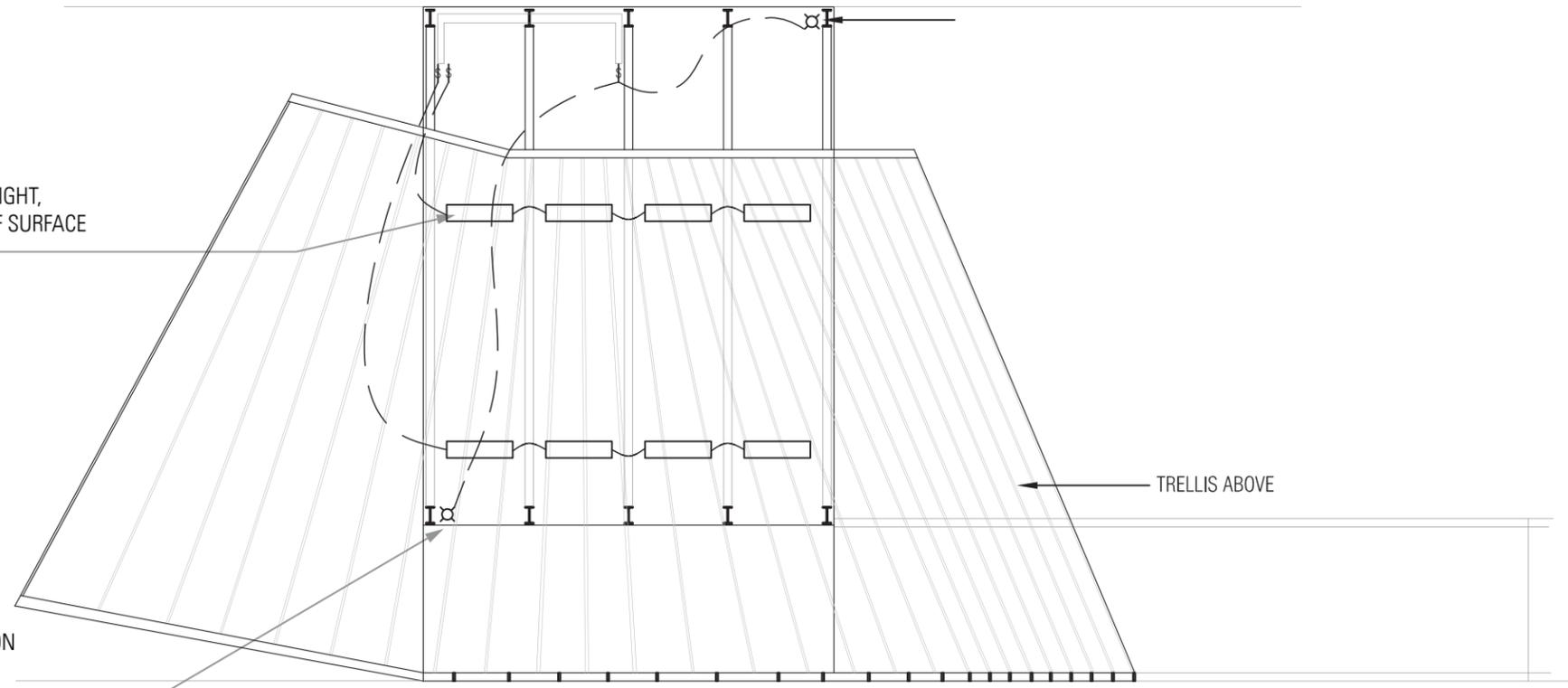
SUSPENDED INDUSTRIAL LED UPLIGHT,  
DIRECTED AT UNDERSIDE OF ROOF SURFACE

ELIPTIPAR LED UPLIGHT S170  
OR SIMILAR



TWIN HEAD LED OUTDOOR MOTION  
SENSING FLOODLIGHT

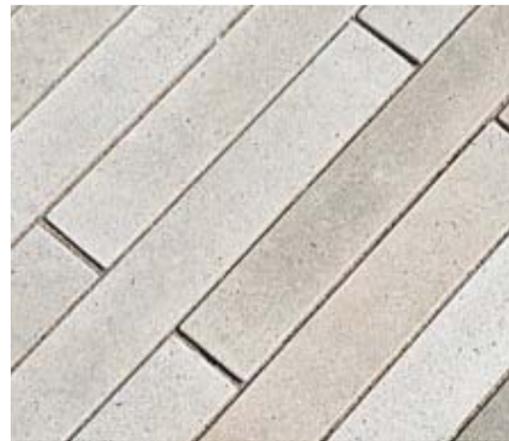
LITHONIA LIGHTING  
MODEL # OFLR 6LC 120 MOBZ  
OR SIMILAR



 **REFLECTED CEILING PLAN**  
scale: 1" : 10'-0"



PAINTED STRUCTURAL STEEL



CONCRETE PAVERS



HARDWOOD DECKING

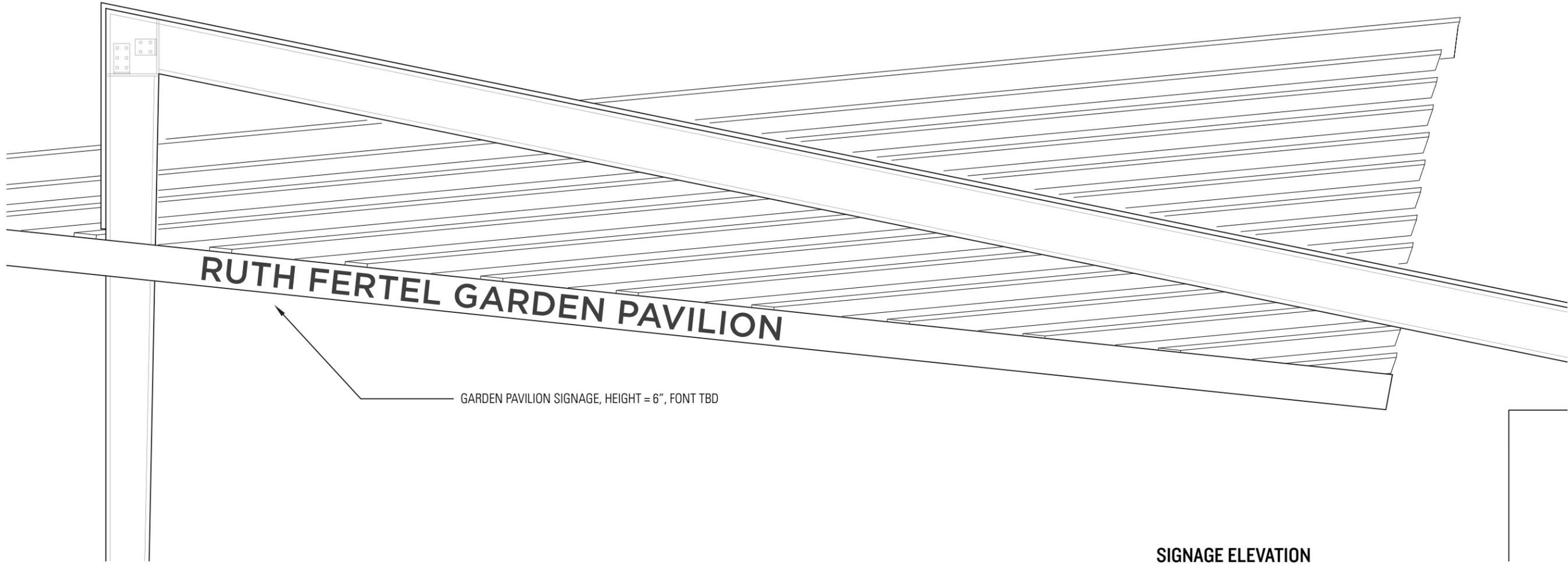


STEEL AND WOOD TRELLIS



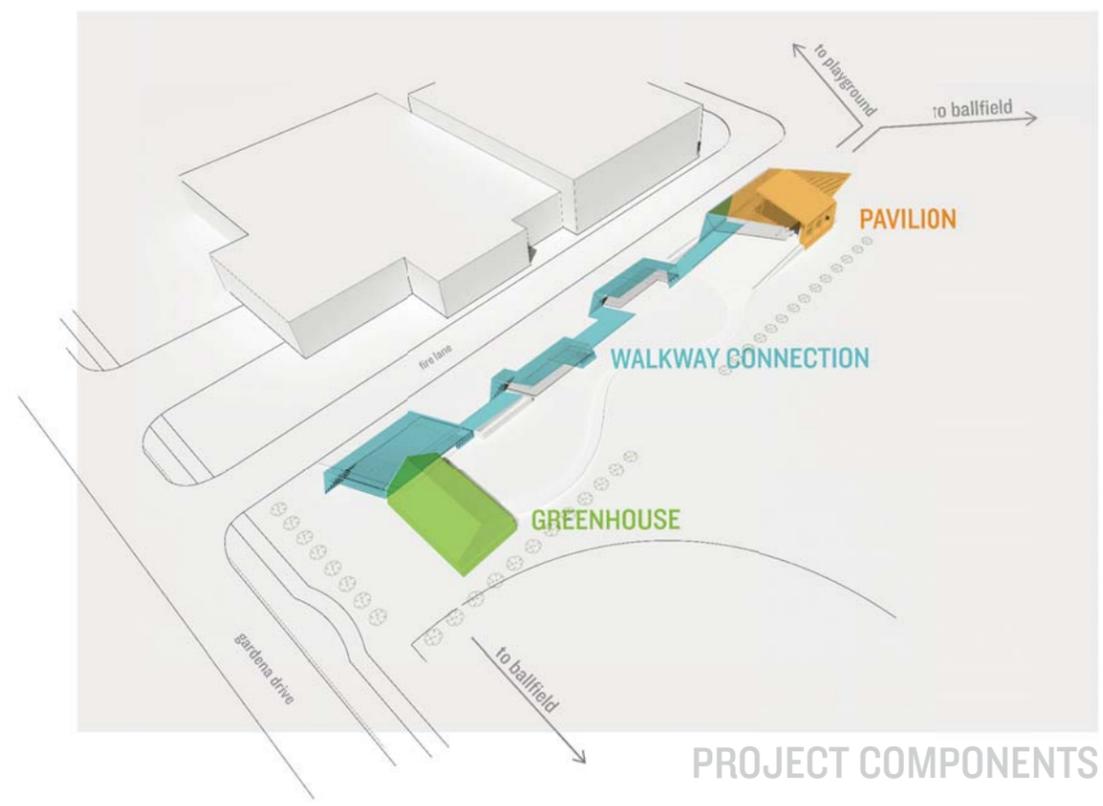
GRASS BERM / RETAINING WALL

**MATERIAL SAMPLES**



**SIGNAGE ELEVATION**

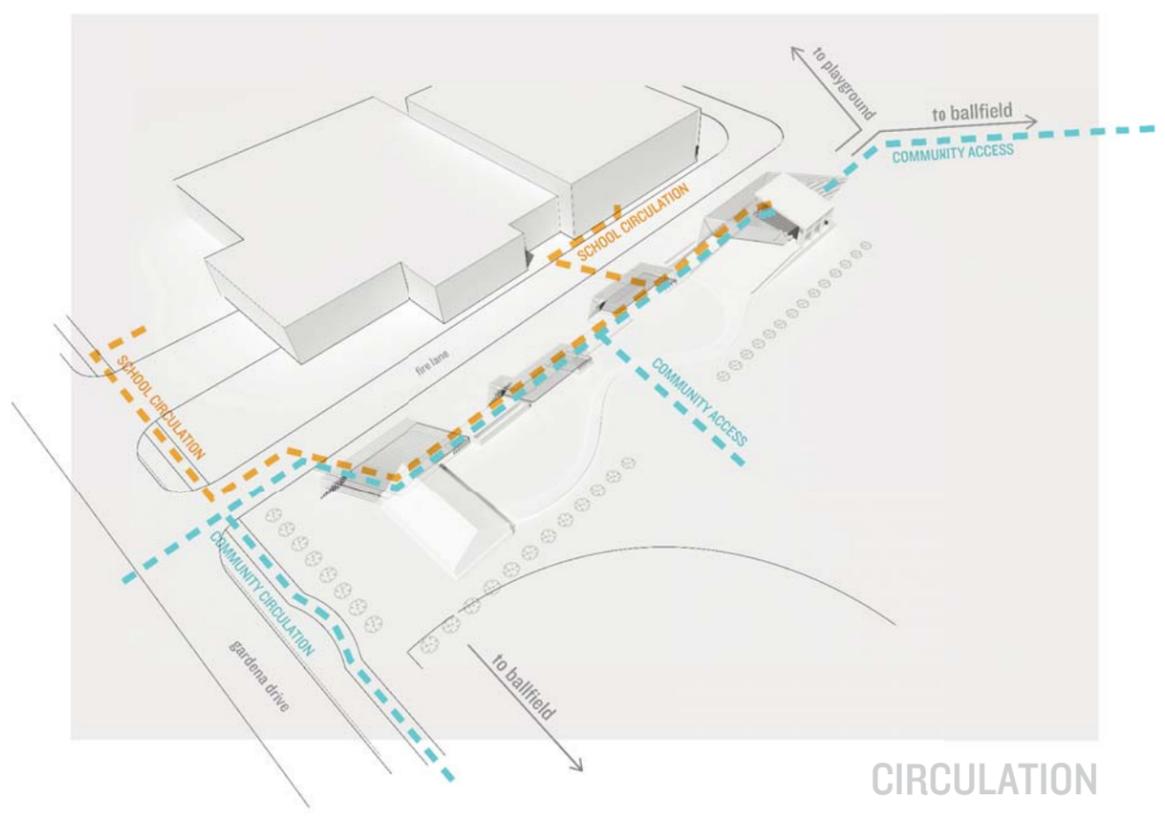
scale: 3/32" : 1'-0"



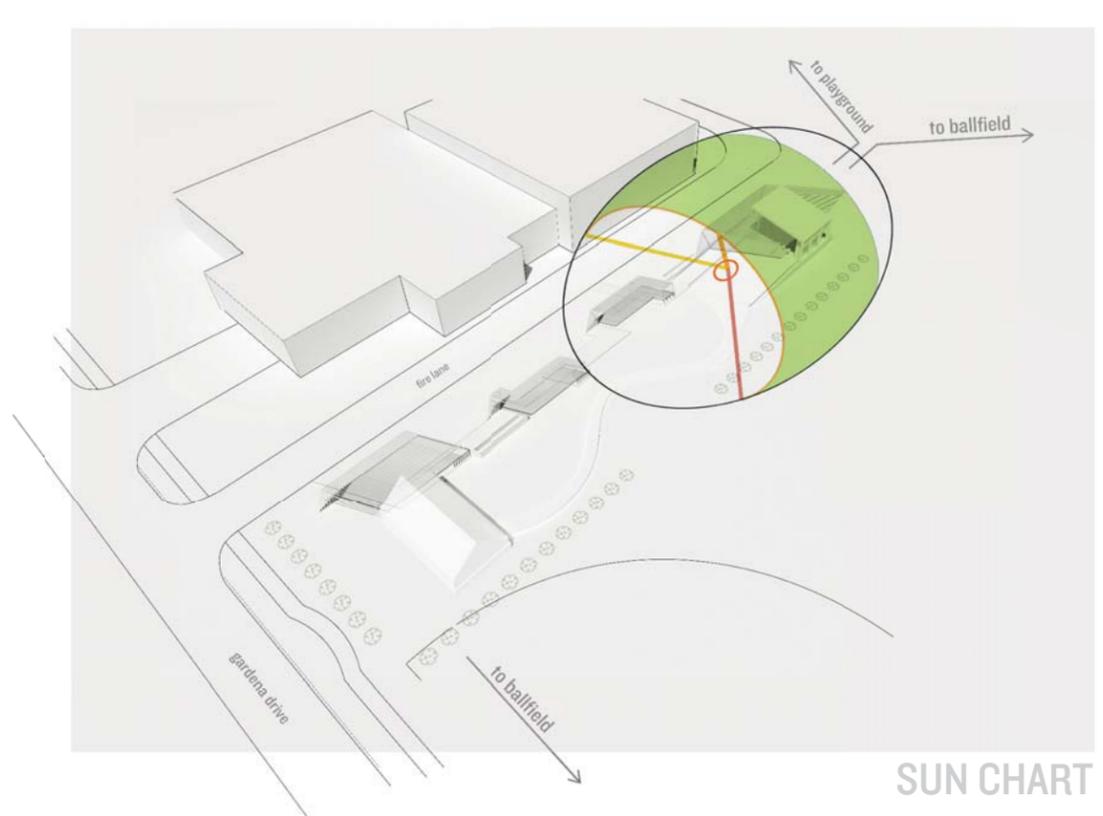
PROJECT COMPONENTS



PLANTING ZONES



CIRCULATION



SUN CHART



PAVILION RENDERING  
[LOOKING TOWARDS GARDEN]

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