

# **Final Land Development Plan (FLDP) I-579 Urban Open Space CAP Project**

Sports & Exhibition Authority (SEA)  
of the City of Pittsburgh and Allegheny County

Project bounded by Chatham St. / Centre Ave. / Washington Place /  
Webster Ave. - Bigelow Blvd. - Seventh Avenue over I-579

Pittsburgh Department of City Planning  
December 2017

THE SPECIALLY PLANNED DISTRICT  
SP11 - LOWER HILL PLANNED DEVELOPMENT DISTRICT

## Location Map



## Location Map

Centre Ave Looking East Towards Hill



Centre Ave Looking West, West Parking Lot to the Right



## Location Map

Looking North to Seventh Ave and Parklet



Looking North to Seventh Ave and Parklet on Bigelow Loop Ramp



## Location Map

Webster Ave Bridge Looking Towards Downtown



Looking North from Centre Ave Bridge to Webster Ave Bridge



## Location Map

I-579 NB - Ramp D to Seventh Ave



SITE IMPROVEMENTS PLAN - RENDERING



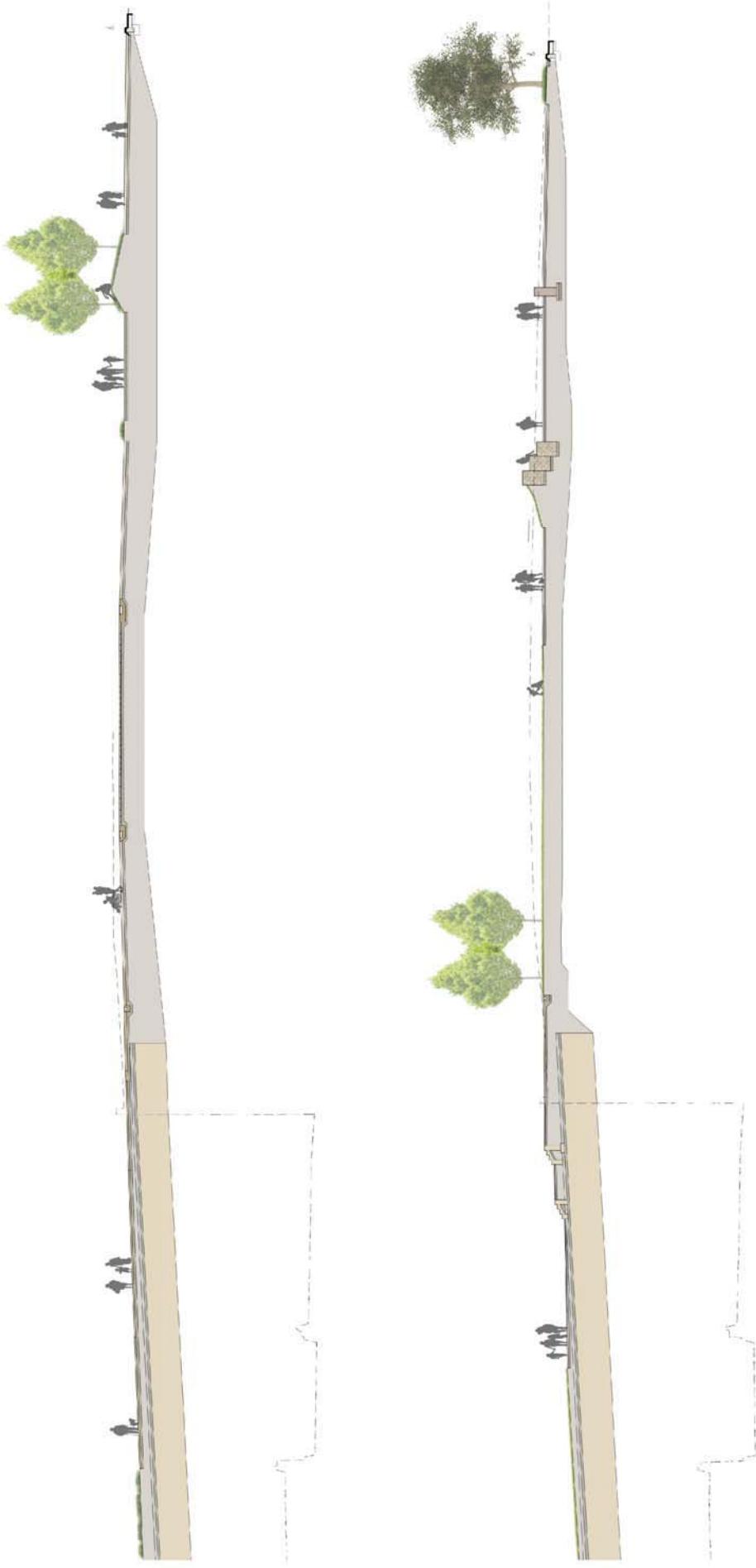
## Elevations



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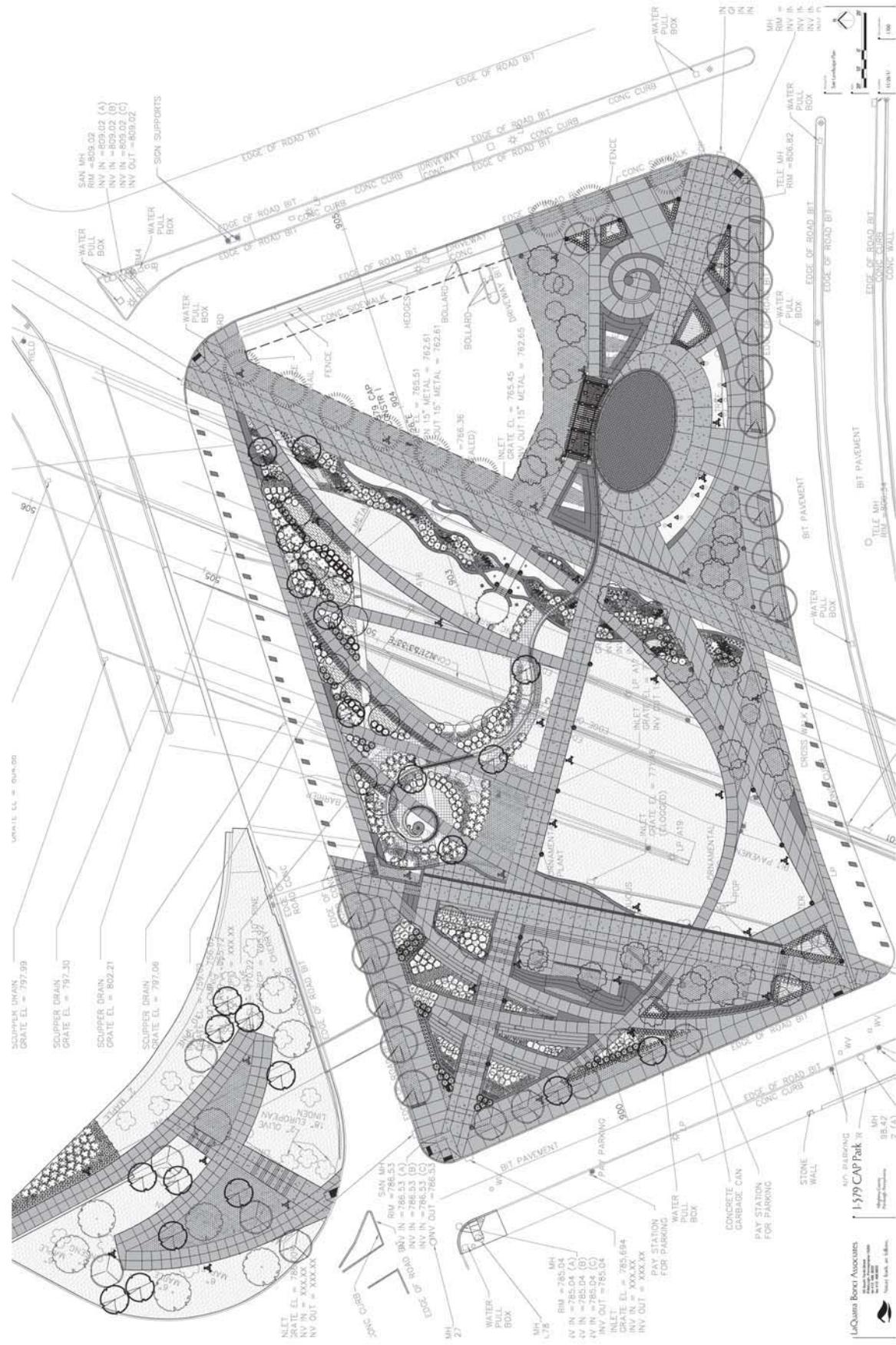


# Landscaping Plan

Scientific Name	Common Name
<b>Trees</b>	
<i>Acer rubrum</i>	red maple
<i>Amelanchier canadensis</i>	shadblow serviceberry
<i>Betula nigra 'Floritree'</i>	Heritage river birch
<i>Carpinus caroliniana</i>	American hornbeam
<i>Cercis canadensis</i>	Eastern redbud
<i>Cornus florida</i>	flowering dogwood
<i>Nyssa sylvatica</i>	black gum
<i>Oxydendrum arboreum</i>	sourwood
<i>Quercus alba</i>	white oak
<b>shrubs</b>	
<i>Aesculus parviflora</i>	bottlebrush buckeye
<i>Aronia arbutifolia 'Bailinensis'</i>	red chokeberry
<i>Cephaelis hirsutissima' Prostrata'</i>	prostrate plum yew
<i>Comus stolonifer 'Arctic Fire'</i>	Arctic fire red osier dogwood
<i>Fothergilla gardenii</i>	fothergilla
<i>Ilex glabra 'Compacta'</i>	compact inkberry
<i>Ilex x interspersa 'Little Henry'</i>	Blue Girl/Blue Boy Holly
<i>Ilex x media 'Chadwickii'</i>	Little Henry sweetspire
<i>Leptandra virginica</i>	Chadwick's yew
<i>Lindera benzoin</i>	spicebush
<i>Prunus pensylvanica</i>	red-osier dogwood
<i>Deutzia corymbosa</i>	tufted hairy-leaf
<i>Panicum virgatum 'Rostratus'</i>	Rotundifoliate switchgrass
<i>Panicum virgatum 'Shenandoah'</i>	Shenandoah red switchgrass
<i>Schizachyrium scoparium 'The Blues'</i>	The Blues little bluestem
<i>Sporobolus heterolepis</i>	prairie dropseed
<b>grasses</b>	
<i>Bouteloua curtipendula</i>	side oats grama
<i>Deschampsia cespitosa</i>	tufted hair grass
<i>Panicum virgatum 'Rostratus'</i>	Rotundifoliate switchgrass
<i>Panicum virgatum 'Shenandoah'</i>	Shenandoah red switchgrass
<i>Schizachyrium scoparium 'The Blues'</i>	The Blues little bluestem
<i>Sporobolus heterolepis</i>	prairie dropseed
<b>perennials</b>	
<i>Anemone dioica</i>	goatbeard
<i>Aster 'Cleste'</i>	Michaelmas daisy
<i>Astilbe chinensis 'Visions in Pink'</i>	Visions in Pink Chinese astilbe
<i>Baptisia tinctoria</i>	Magnus Superior coneflower
<i>Echinacea purpurea 'Magnus Superior'</i>	White Swan coneflower
<i>Helenium 'Moerheim Beauty'</i>	Moerheim Beauty sneezeweed
<i>Heuchera americana 'Dale's Strain'</i>	Dale's Strain American coral bells
<i>Liatris spicata</i>	blue mist flower
<i>Monarda fistulosa</i>	bee balm
<i>Paeonia officinalis</i>	paeonia
<i>Phlox stolonifera 'Sherwood Purple'</i>	Russian sage
<i>Polygonatum multiflorum</i>	Sherwood Purple creeping phlox
<i>Rudbeckia hirta</i>	Christmas fern
<i>Salvia nemorosa 'Blaauwgeel'</i>	black-eyed susan
<i>Salvia nemorosa 'Mainacht'</i>	Blue Hill sage
<i>Salvia nemorosa 'Snow Hill'</i>	May Night sage
<i>Spiraea arguta 'Illuminatum'</i>	Snow Hill sage
<i>Stachys officinalis</i>	blue-eyed grass
<i>Tiarella cordifolia</i>	Hummingbird mint
<b>vines</b>	
<i>Parthenocissus quinquefolia</i>	Virginia creeper
<b>bulbs</b>	
<i>Allium giganteum</i>	allium
<i>Allium giganteum 'White Giant'</i>	White Giant allium
<i>Narcissus 'Improved King Alfred'</i>	yellow trumpet daffodil
<i>Tulipa Purissima</i>	White Emperor tulip

BOTANICAL NAME	COMMON NAME	SIZE
<b>SHADE TREES</b>		
<i>Acer saccharum</i>	Sugar Maple	3' Cal. B&B
<i>Acer saccharum 'Green Mountain'</i>	Green Mountain Sugar Maple	3' Cal. B&B
<i>Betula nigra 'Heritage'</i>	Heritage River Birch	8'-10' Ht. Clump B&B
<i>Fagus acerifolia</i>	American Beech	2 1/2' Cal. B&B
<i>Nyssa sylvatica</i>	Black Gum	3' Cal. B&B
<i>Platanus x acerifolia 'Bloodgood'</i>	Bloodgood London Planetree	3' Cal. B&B
<b>EVERGREEN TREES</b>		
<i>Pinus strobus</i>	Border Pine	8'-10' Ht. B&B
<b>ORNAMENTAL TREES</b>		
<i>Amelanchier x grandiflora 'Autumn Brilliance'</i>	Autumn Brilliance Serviceberry	6'-8' Ht. Clump B&B
<i>Cercis canadensis</i>	Redbud	1 1/2'-1' 3/4" Cal. B&B
<i>Cornus florida 'Cherokee Brave'</i>	Cherokee Brave Dogwood	1 1/2'-1' 3/4" Cal. B&B
<i>Crataegus phaeocephala</i>	Washington Hawthorn	6'-7' Ht. Clump B&B
<i>Crataegus viridis 'Winter King'</i>	Winter King Hawthorn	1 1/2'-1' 3/4" Cal. B&B
<i>Magnolia virginiana</i>	Sweetbay Magnolia	6'-8' Ht. Clump B&B
<b>SHRUBS</b>		
<i>Buxus x 'Green Velvet'</i>	Green Velvet Boxwood	15'-18' B&B
<i>Ceanothus americanus</i>	New Jersey Tea	18'-24' No. 5 Cont.
<i>Clethra alnifolia 'Hummingbird'</i>	Hummingbird Summersweet	18'-24' No. 5 Cont.
<i>Fothergilla gardenii</i>	Dwarf Fothergilla	18'-24' No. 5 Cont.
<i>Ilex glabra 'Densia'</i>	Densa Compact Inkberry	18'-24' No. 5 Cont.
<i>Ilex virginica</i>	Virginia Sweetglove	18'-24' No. 3 Cont.
<i>Rhus aromatica 'Gro-Low'</i>	Gro-low Fragrant Sumac	15'-18' No. 3 Cont.
<i>Viburnum burkwoodii 'Mohawk'</i>	Mohawk Viburnum	24'-30' No. 5 Cont.
<b>ORNAMENTAL GRASS AND GROUNDCOVERS</b>		
<i>Lilium speciosum 'Royal Purple'</i>	Royal Purple Lily	Clump No. 1 Cont.
<i>Penicillium virginicum 'Robustum'</i>	Red Rays Switch Grass	Clump No. 2 Cont.
<i>Schizachyrium scoparium</i>	Little Bluestem	Clump No. 2 Cont.
<b>PERENNIAL MIX</b>		
<i>Aster novae-angliae 'Purple Dome'</i>	New England Aster	Clump No. 2 Cont.
<i>Echinacea purpurea 'Magnus'</i>	Purple Cone Flower	Clump No. 2 Cont.
<i>Echinacea purpurea 'White Swan'</i>	White Swan Coneflower	Clump No. 2 Cont.
<i>Lobelia cardinalis</i>	Red Cardinal Flower	Clump No. 2 Cont.
<b>Cup Plant</b>		
<i>Platycodon grandiflorus</i>	Largeflower Platycodon	
<i>Phlox paniculata</i>	Garden Phlox	
<i>Rudbeckia fulgida speciosa 'Goldstrum'</i>	Black Eyed Susan	
<i>Salvia greggii</i>	Autumn Sage	
<i>Salvia splendens</i>	Scarlet Sage	
<i>Solidago perfoliata</i>	Cup Plant	

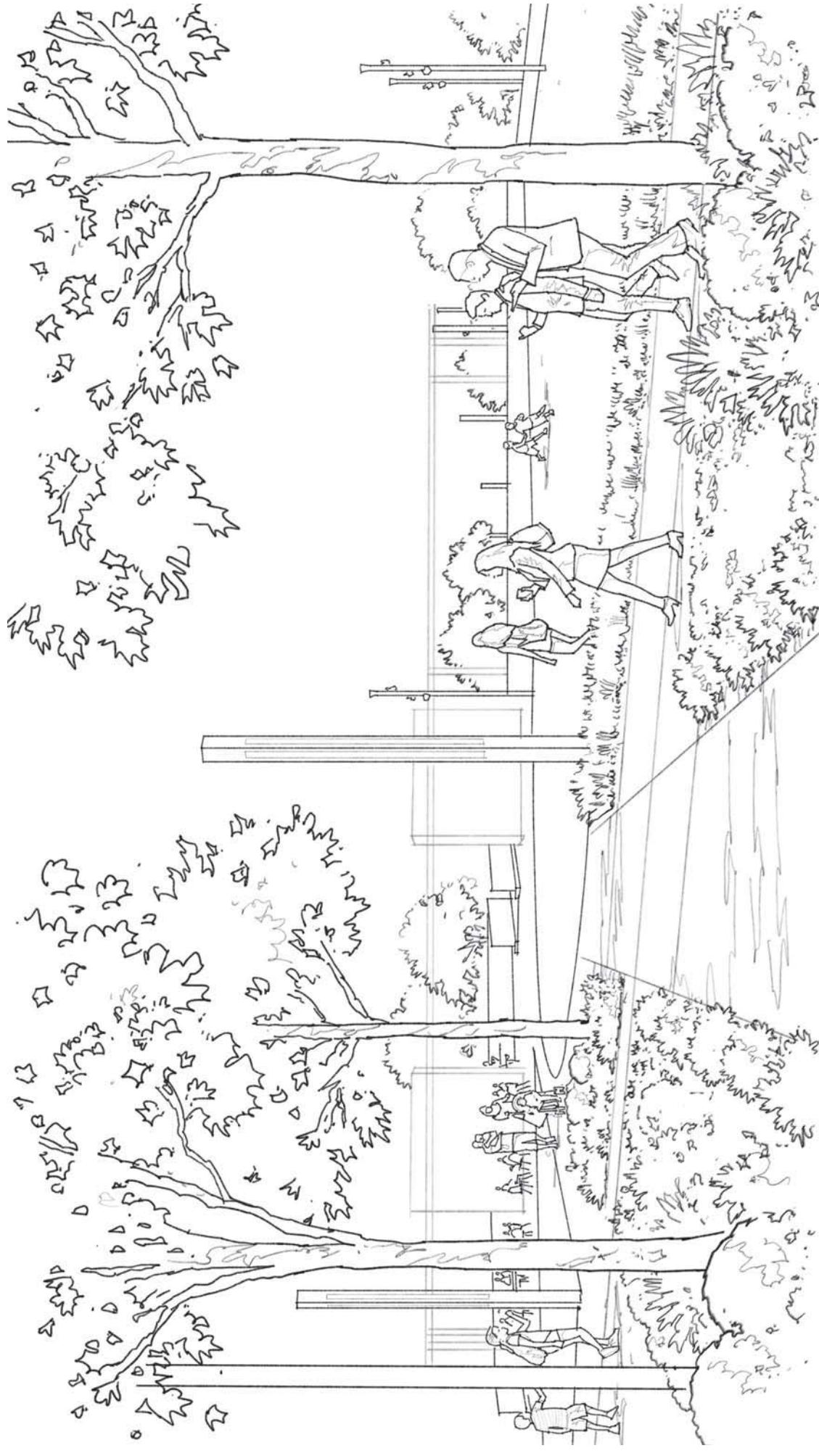
## Landscaping Plan



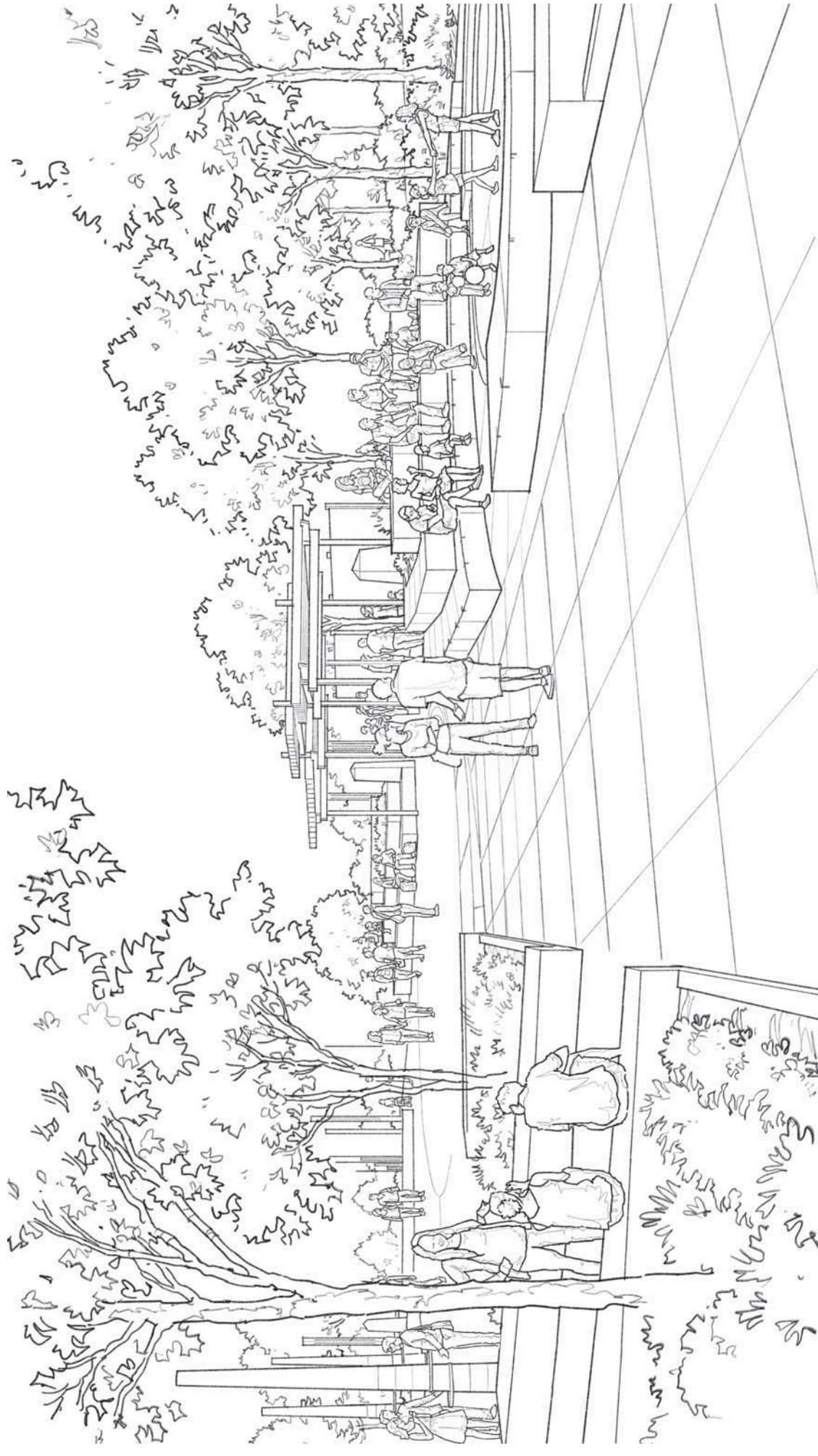
## Perspective Drawings



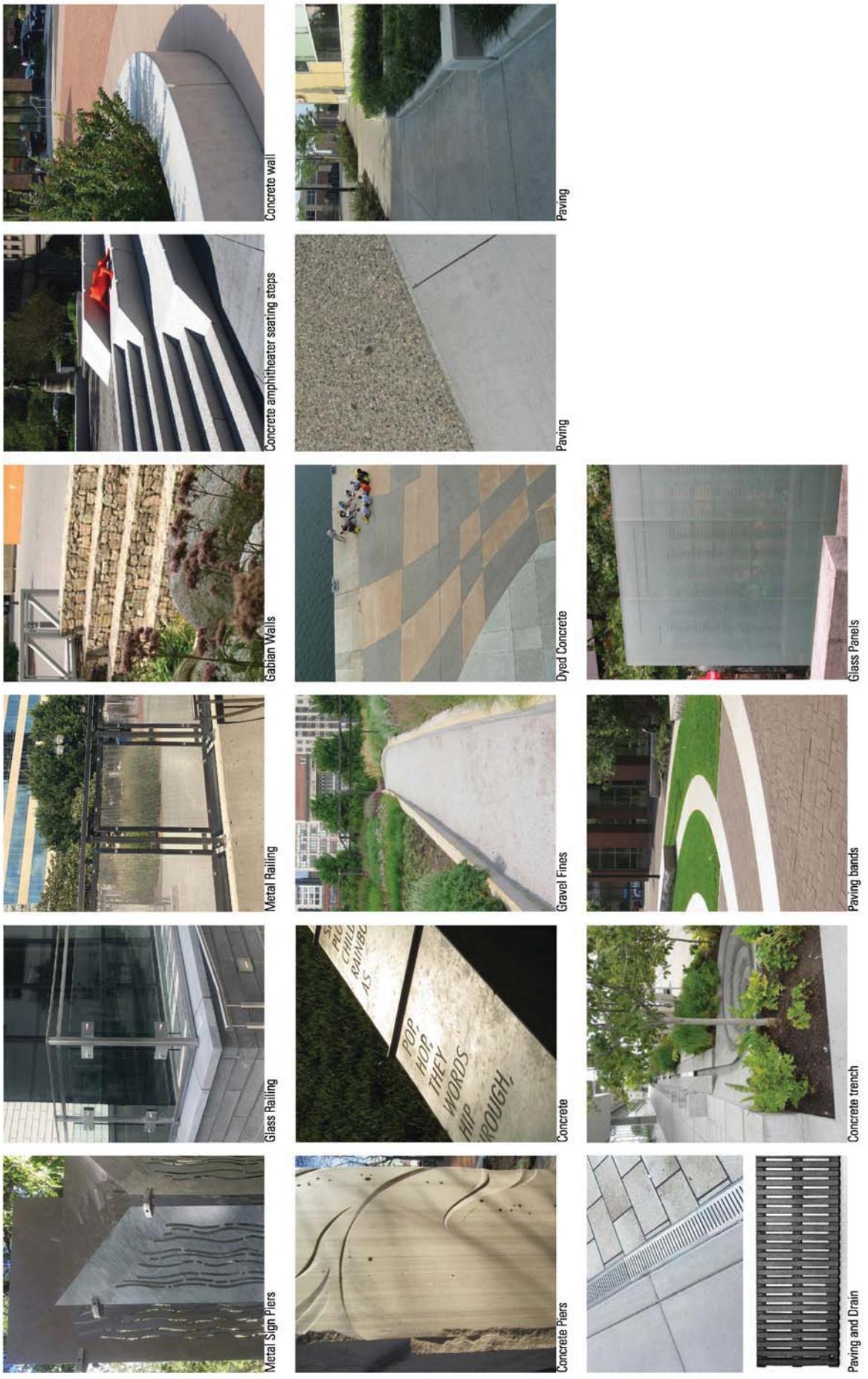
## Perspective Drawings



## Perspective Drawings



## Building Materials



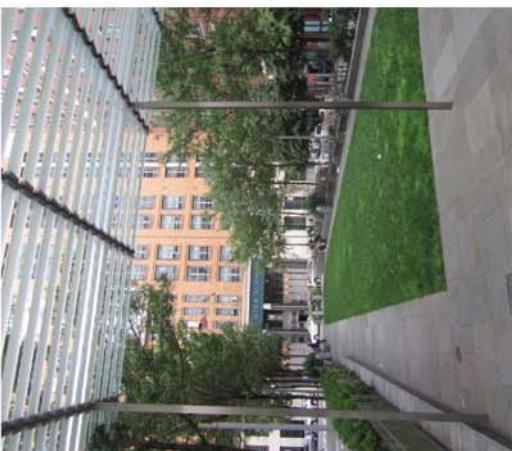
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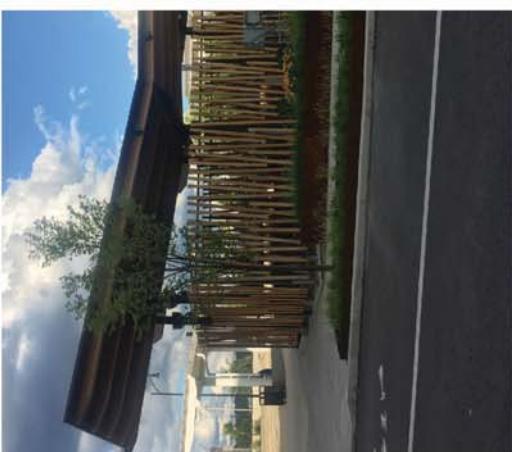
Metal arbor



Metal arbor



Arbor with metal top



Arbor with wood top



Metal arbor



Metal arbor



Metal arbor



Metal arbor

## Sustainability

### “Cap” Project - Sustainability Features

The I-579 Cap project will incorporate six new rain gardens located in the park at near the intersection of Chatham Street and Webster Avenue.

Landscape plantings are native plant species.

The new highway lighting beneath the Cap project above Interstate 579 will be LED lighting as well as the light fixtures located within the park.

### “Cap” Project - as part of LEED-ND Certification

Leadership in Energy and Environmental Design in Neighborhood Development (LEED ND) certification is being administered by Pittsburgh Arena Real Estate Redevelopment, LP (a related entity to Pittsburgh Penguins) and their sustainability consultant Sustainable Design Consulting, LLC. The I-579 Urban Open Space Cap is included in the LEED ND certification process may contribute to the following credits:

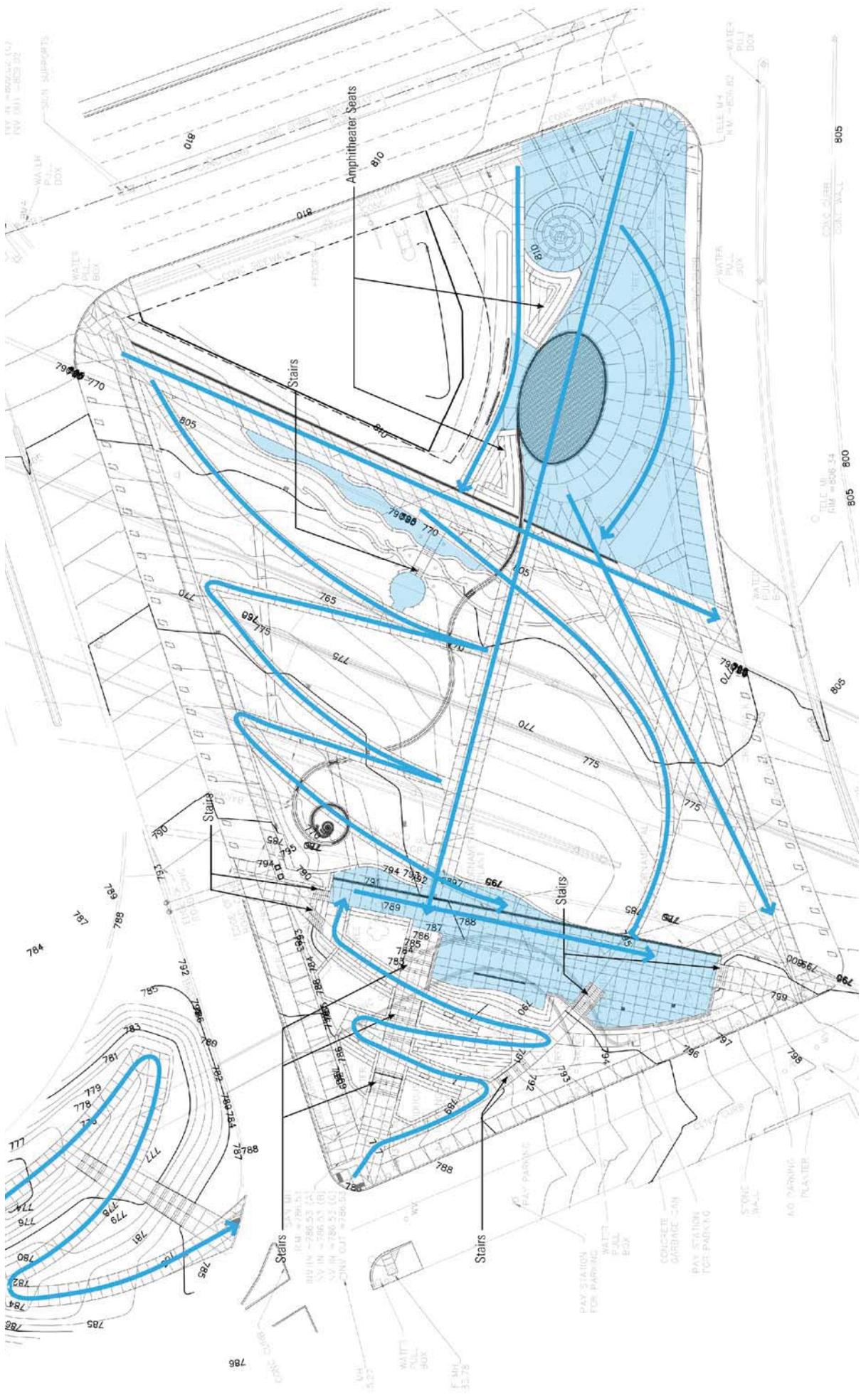
**Preferred Location** - park is infill construction on a previously developed site

**Bicycle Network and Storage** - park to include bike share station and increase the number of bicycle friendly paths

**Access to Civic and Public Space** - increase access of the residents and visitors of the Lower Hill development to civic and public spaces.

**Access To Recreation Facilities** - provide for a recreational area of more than 1 acre

# Accessibility & Universal Design



## Community Process – Public Meetings and Outreach

<b>March 30, 2016</b>	Public Meeting #1	“Cap” final design – community input	PPG Paints Arena
<b>April 27, 2016</b>	Social media campaign	“Cap” final design – community input	Online survey
<b>May 13, 2016</b>	Hill District Consensus Group - monthly meeting	“Cap” final design presentation	Hill House Association
<b>May 16, 2016</b>	Public Meeting #2	“Cap” final design - presentation	Jeron X. Grayson Community Center
<b>June 27, 2016</b>	Public Meeting #3	“Cap” final design - presentation	Jeron X. Grayson Community Center
<b>September 28, 2016</b>	Artist information session	“Cap” surface enhancements	Carnegie Library - Hill District
<b>November 16, 2016</b>	Art Commission	“Cap” presentation	Ross Building
<b>January 19, 2017</b>	Hill District Design Review Panel	“Cap” final design – presentation	Jeron X. Grayson Community Center
<b>April 26, 2017</b>	Art Commission	“Cap” site plan approval; surface enhancements prelim. approval	Ross Building
<b>June 22, 2017</b>	Open House - Public Meeting	“Cap” surface enhancements Community workshop	Hill House Blakey Program Center

