

August 31, 2022

Beige Berryman
Philadelphia Art Commission
One Parkway, 13th Floor
1515 Arch Street
Philadelphia, PA 19102

Dear Ms. Berryman,

The Delaware River Waterfront Corporation (DRWC) is pleased to submit this letter, requesting time at the September 14th meeting of the Philadelphia Art Commission to present the Park at Penn's Landing for the Commission's review and final approval. We received conceptual approval from the Commission last October and are returning now to share additional details on the project.

Based on the Commission's comments and requests at our last presentation, our materials will reflect the progress we have made on the park design, specifically related to the following:

1. Light fixture designs and specifications
2. Treatment of the resulting tunnel space under the cap along Columbus Boulevard
3. Circulation within and transportation access to the park
4. Images of the woodland area in winter
5. Additional details on the planting plan and landscape specifications

A full submission packet for the project will be shared in the next week. You can direct any questions regarding the project or submission package to me, as well as the commission's decision (my contact information is included below). We are very much looking forward to sharing more details on this exciting project with the Art Commission.

Sincerely,



Lizzie Woods
Vice President, Planning & Capital Programs
Delaware River Waterfront Corporation
121 North Columbus Boulevard
Philadelphia, PA 19106
215-629-3250
lwoods@drwc.org

THE PHILADELPHIA ART COMMISSION

SEPTEMBER 14TH 2022

PARK AT PENN'S LANDING
DELAWARE RIVER WATERFRONT CORPORATION

PENNDOT
CITY OF PHILADELPHIA

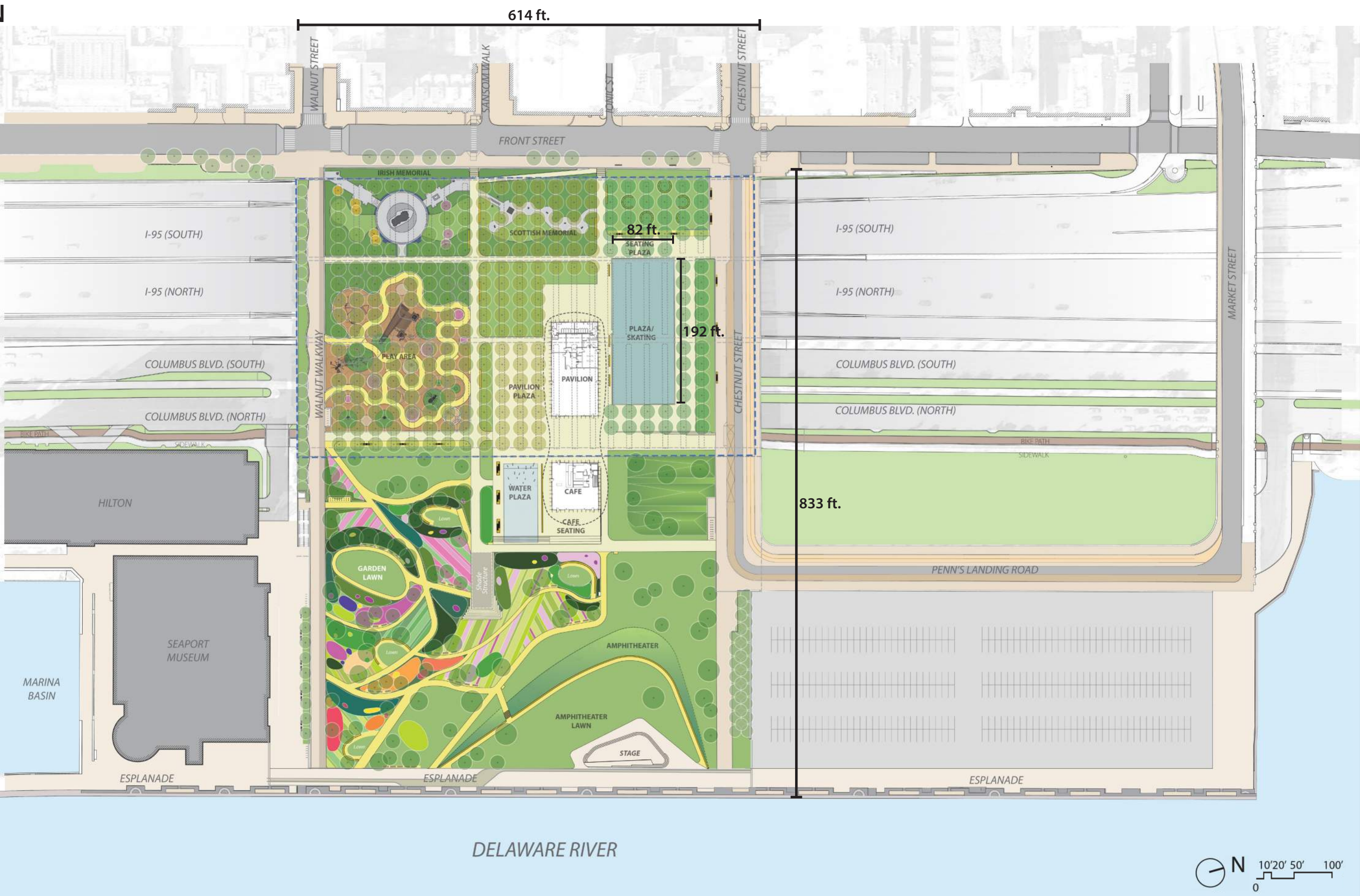
HARGREAVES JONES
KIERAN TIMBERLAKE
PENNONI

PENN'S LANDING PARK

FINAL APPROVAL

1. Review of Park Design
2. Circulation and Access Diagrams
3. Under Cap / Delaware River Trail Design
4. Winter Images & Programming
5. Landscape Planting Plan & Specifications
6. Park Lighting Details

PLAN



AERIAL VIEW



MEMORIALS



PLAY AREA



GARDEN NODE VIEW



PARK AT PENN'S LANDING

HARGREAVES JONES / KIERAN TIMBERLAKE / PENNONI

SEPTEMBER 14, 2022

RINK PLAZA (SUMMER)



ICE RINK





OVERALL ACCESS DIAGRAM





TRANSIT ACCESS DIAGRAM

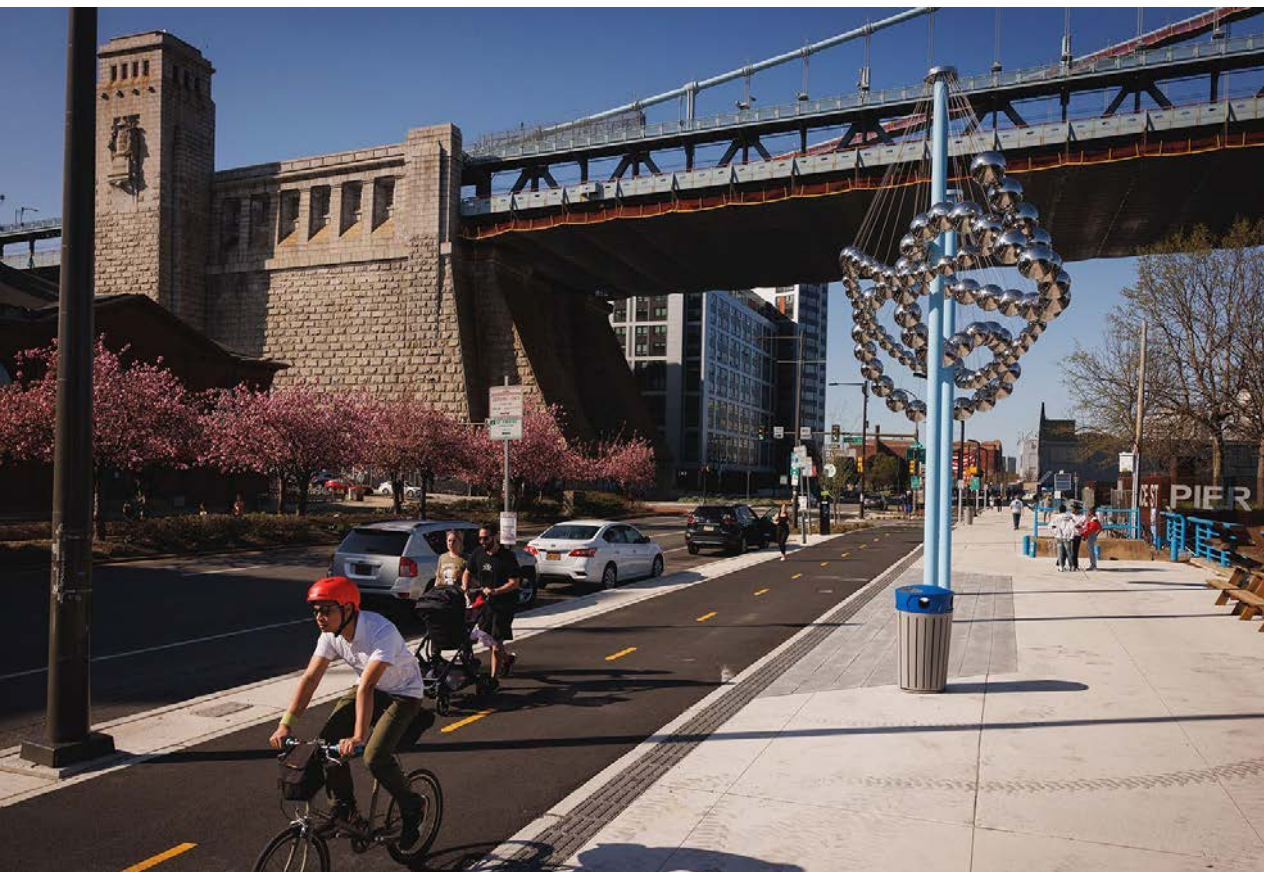


BICYCLE ACCESS DIAGRAM

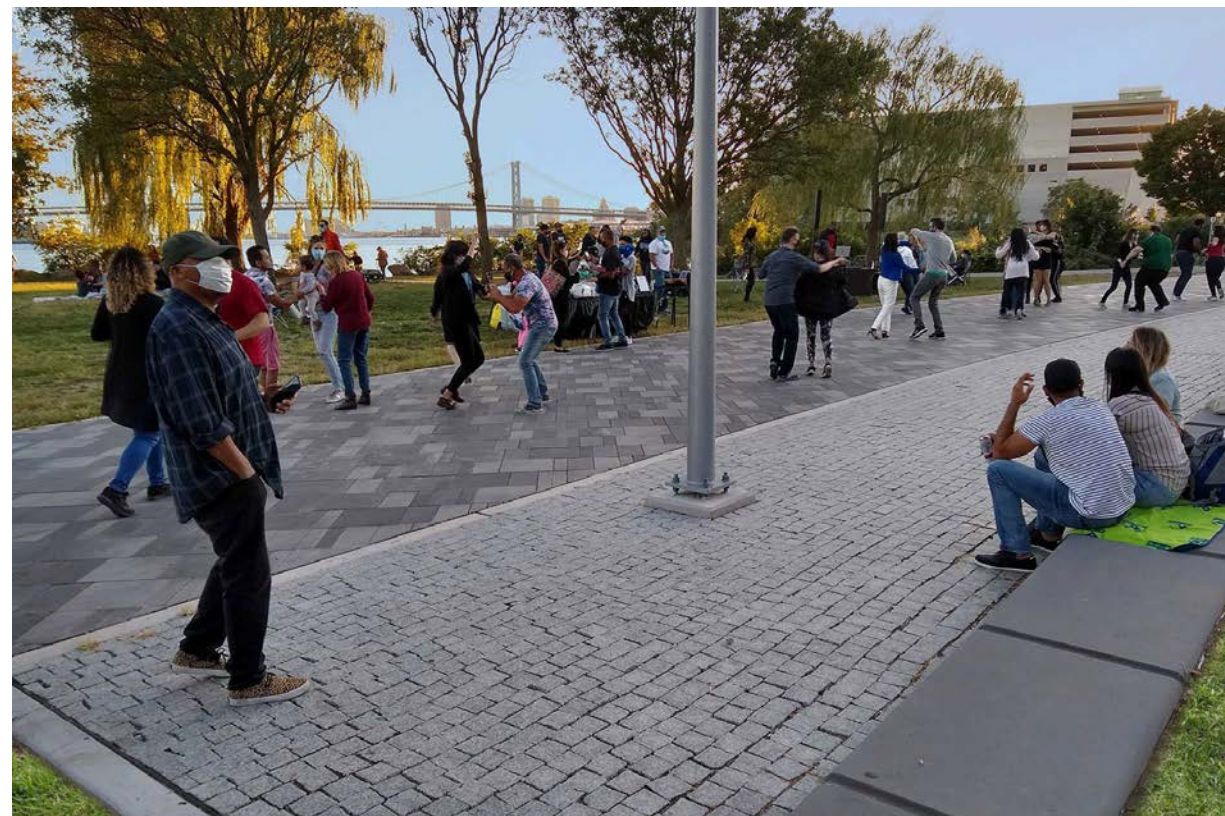
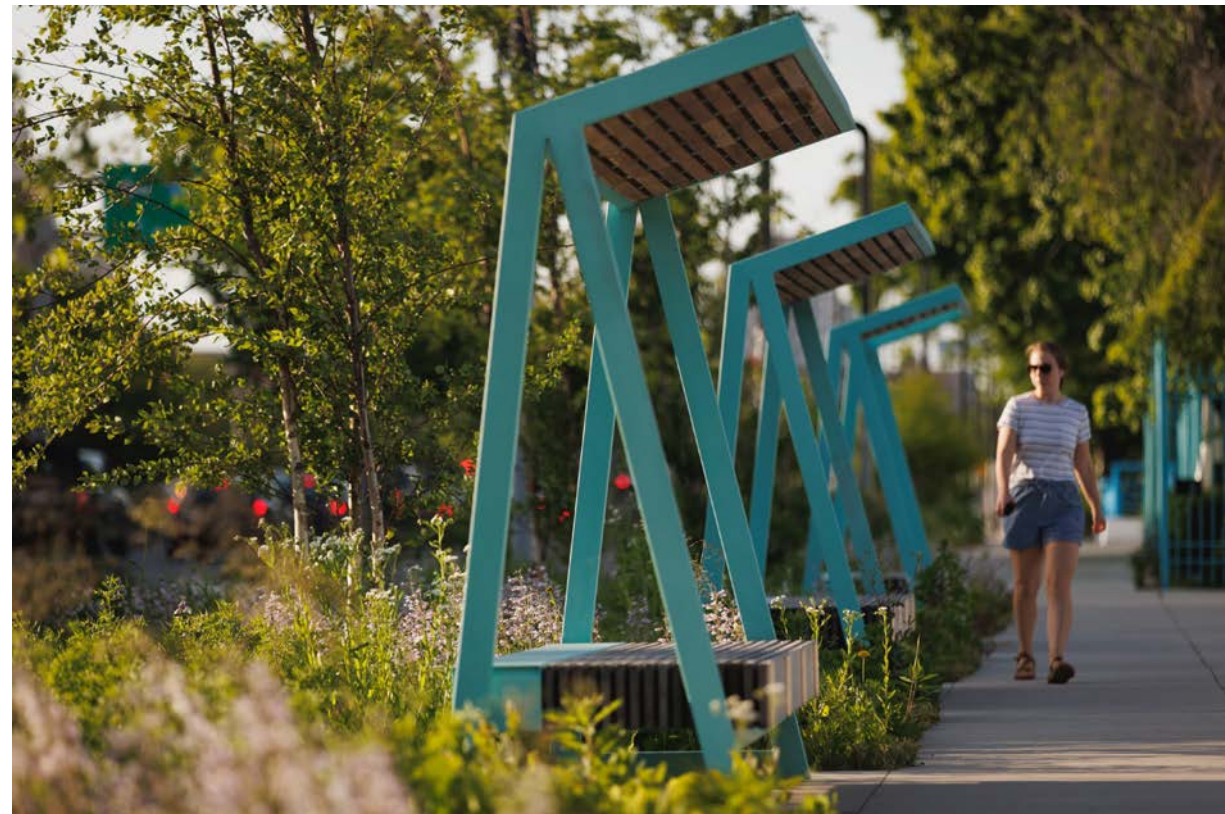


PEDESTRIAN ACCESS DIAGRAM

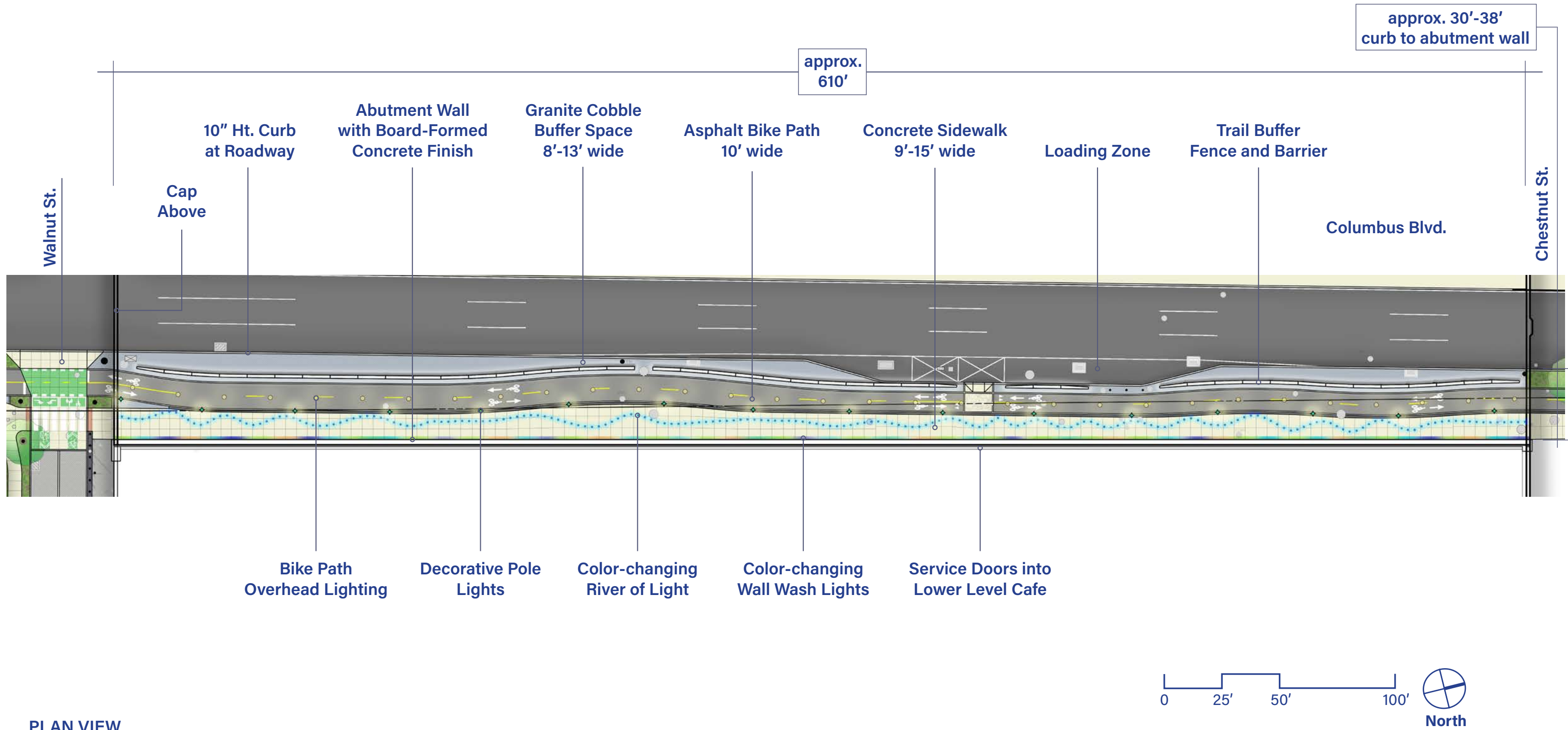
PENN'S LANDING PARK PARK ACCESS /// 9/14/2022



Penn's Landing Park **Under Side**
Delaware River Trail /// 9/14/2022



Penn's Landing Park **Under Side**
Delaware River Trail /// 9/14/2022





Penn's Landing Park **Under Side**
Delaware River Trail /// 9/14/2022

Perspective Rendering, Trail View



Penn's Landing Park **Under Side**
Delaware River Trail /// 9/14/2022

Perspective Rendering, Road View



Bike Path Overhead Lighting



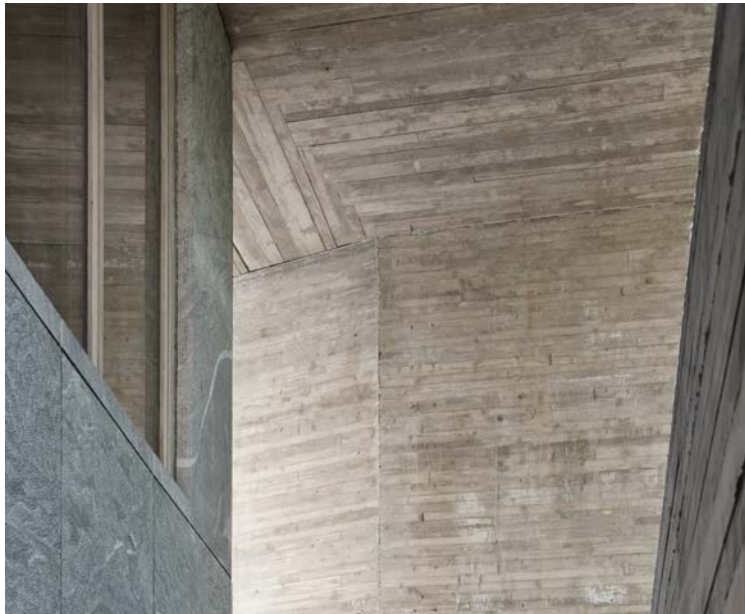
Color-Changing Wall Wash Lighting



Decorative Pole Lights



Color-Changing River of Light



Abutment Wall Treatment:
Board Formed Concrete Finish



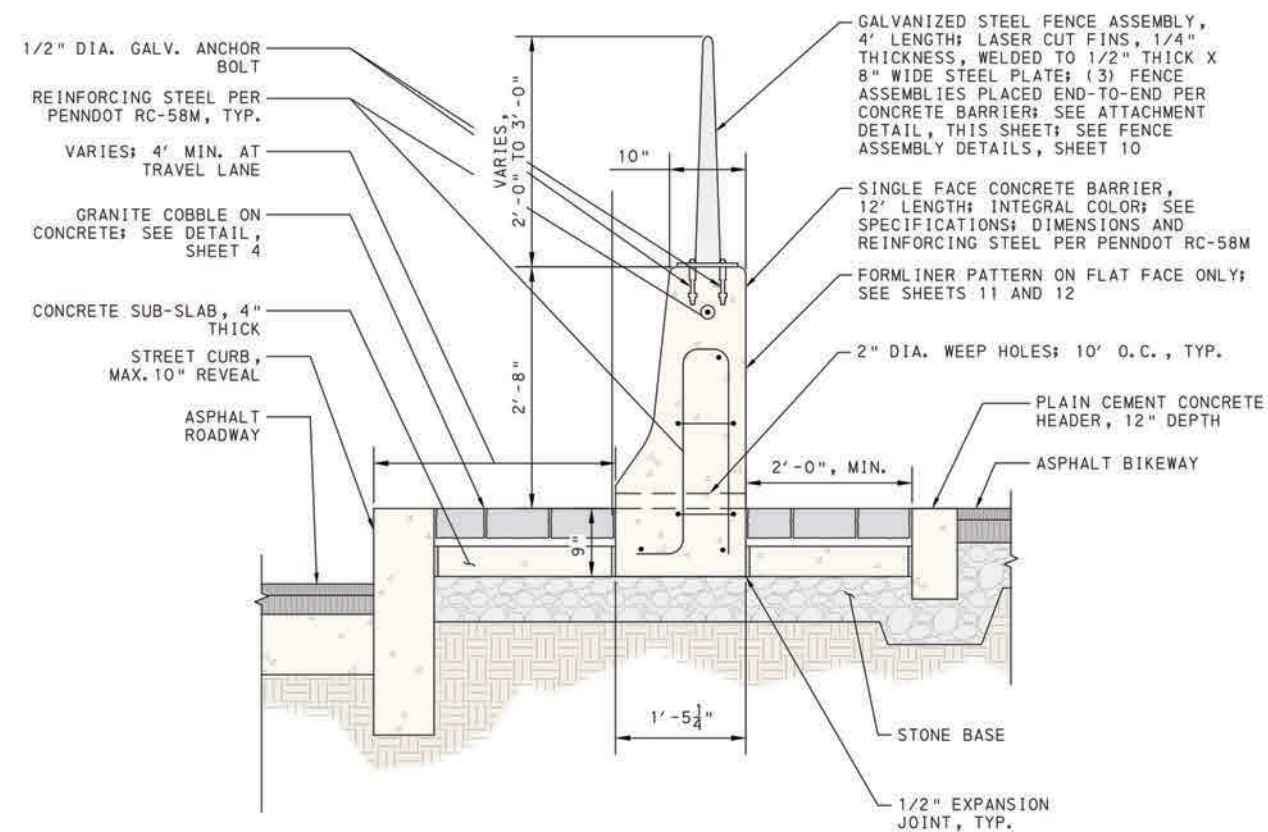
Barrier Wall Formliner: Thin Rib



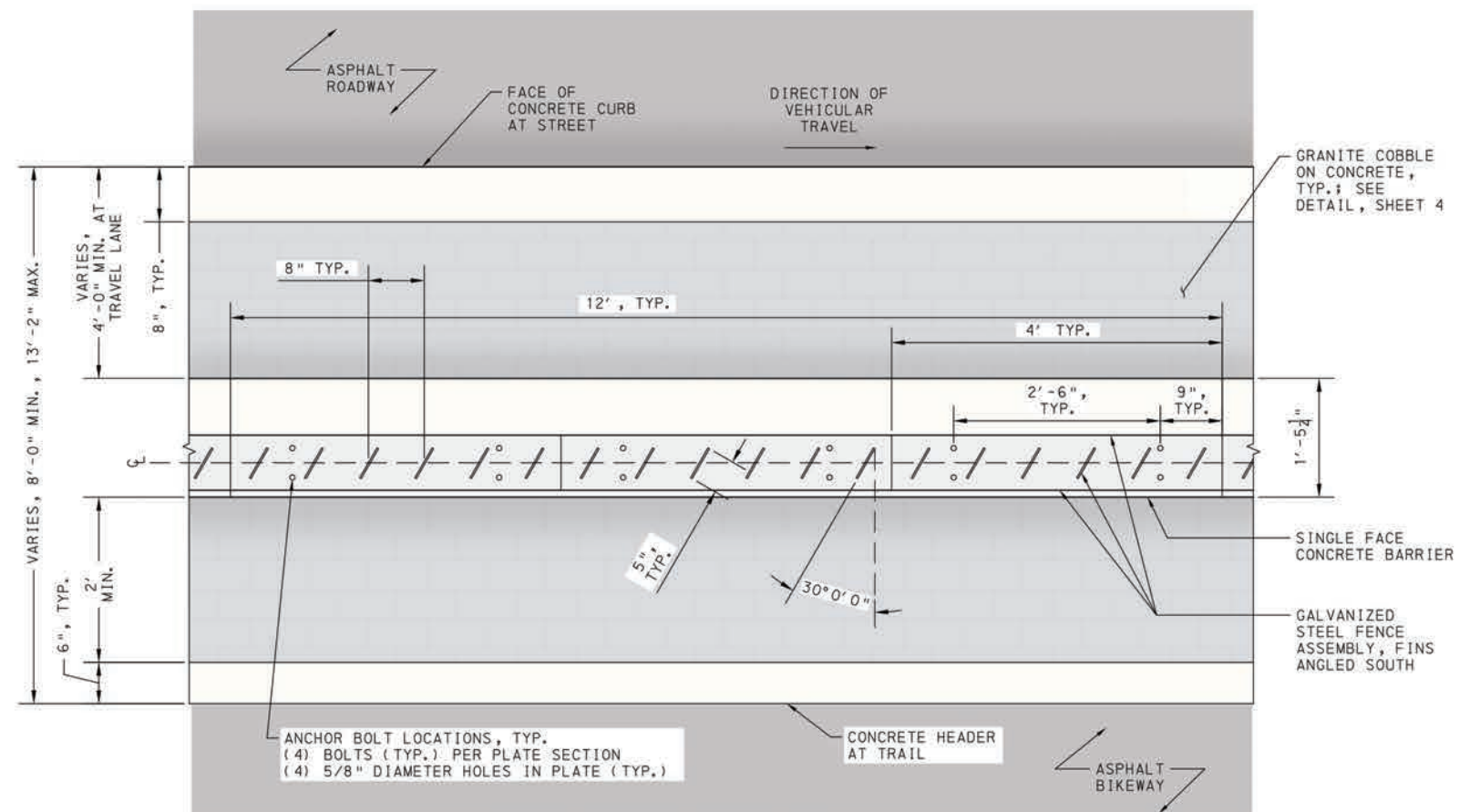
Directional Warning Strip



Granite Cobble



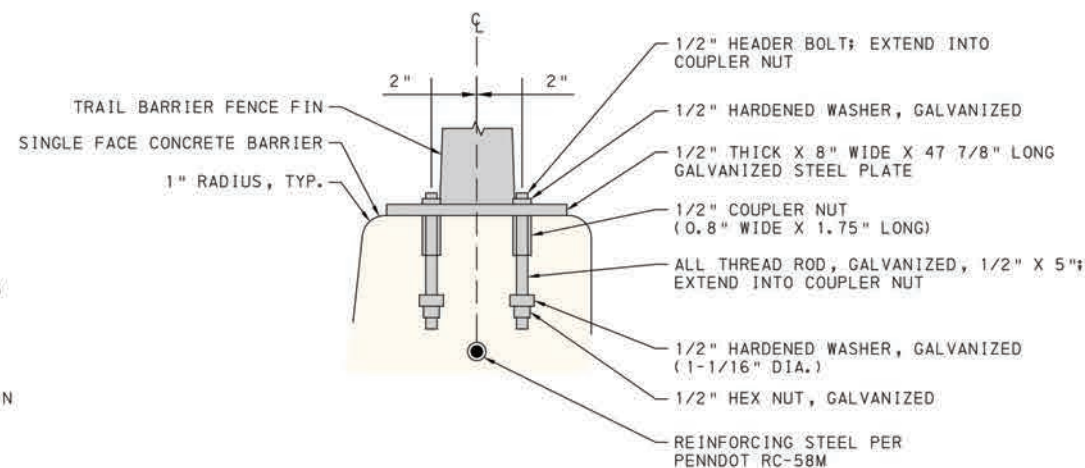
TRAIL BUFFER FENCE
AND BARRIER SECTION
(ITEM 9000-2155)



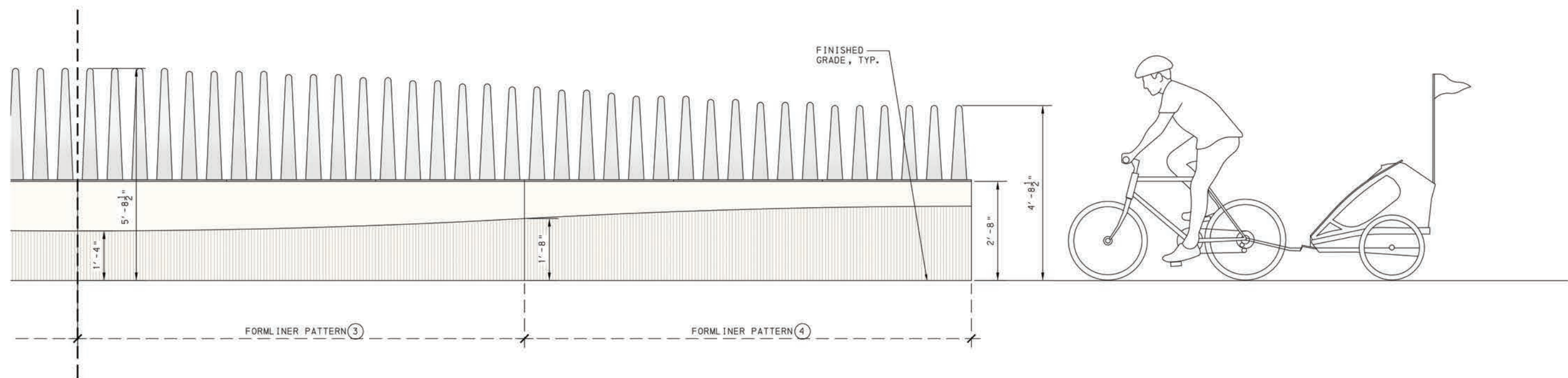
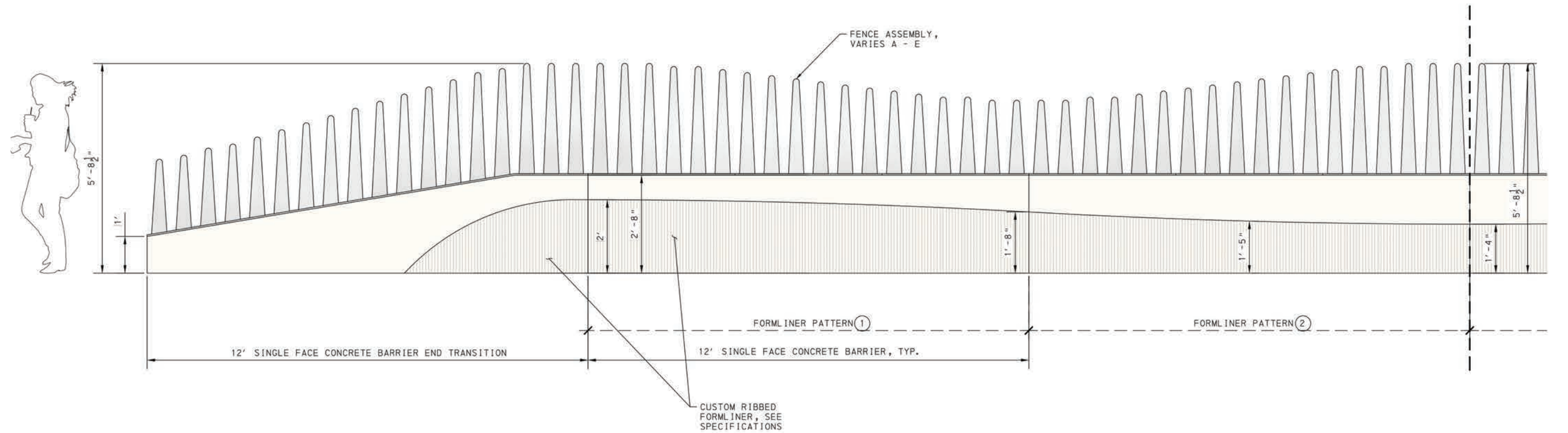
TRAIL BUFFER FENCE AND
BARRIER PLAN
(ITEM 9000-2155)

NOTES:
 ANCHOR BOLTS/ALL THREAD RODS: ASTM F1554
 NUTS: ASTM A563
 WASHERS: ASTM F436
 GALVANIZED HARDWARE IN ACCORDANCE WITH ASTM A153
 STEEL PLATE: ASTM A36
 GALVANIZED STEEL PLATE FINS IN ACCORDANCE WITH ASTM A123

FINS SHALL BE WELDED TO PLATE AS SHOWN WITH A CONTINUOUS 1/4" FILLET WELD AROUND THE ENTIRE FIN PERIMETER.



FENCE ASSEMBLY
ATTACHMENT TO
CONCRETE BARRIER
(ITEM 9000-2155)



TRAIL BUFFER BARRIER CONCRETE FORMLINER PATTERNS
(ITEM 9000-2155)

ICE RINK



TREES_GROVES IN WINTER



Oak Grove

National September 11 Memorial, New York City



Maple Grove

Sugar Beach, Toronto



Ginkgo Grove

REACH at Kennedy Center, Washington DC

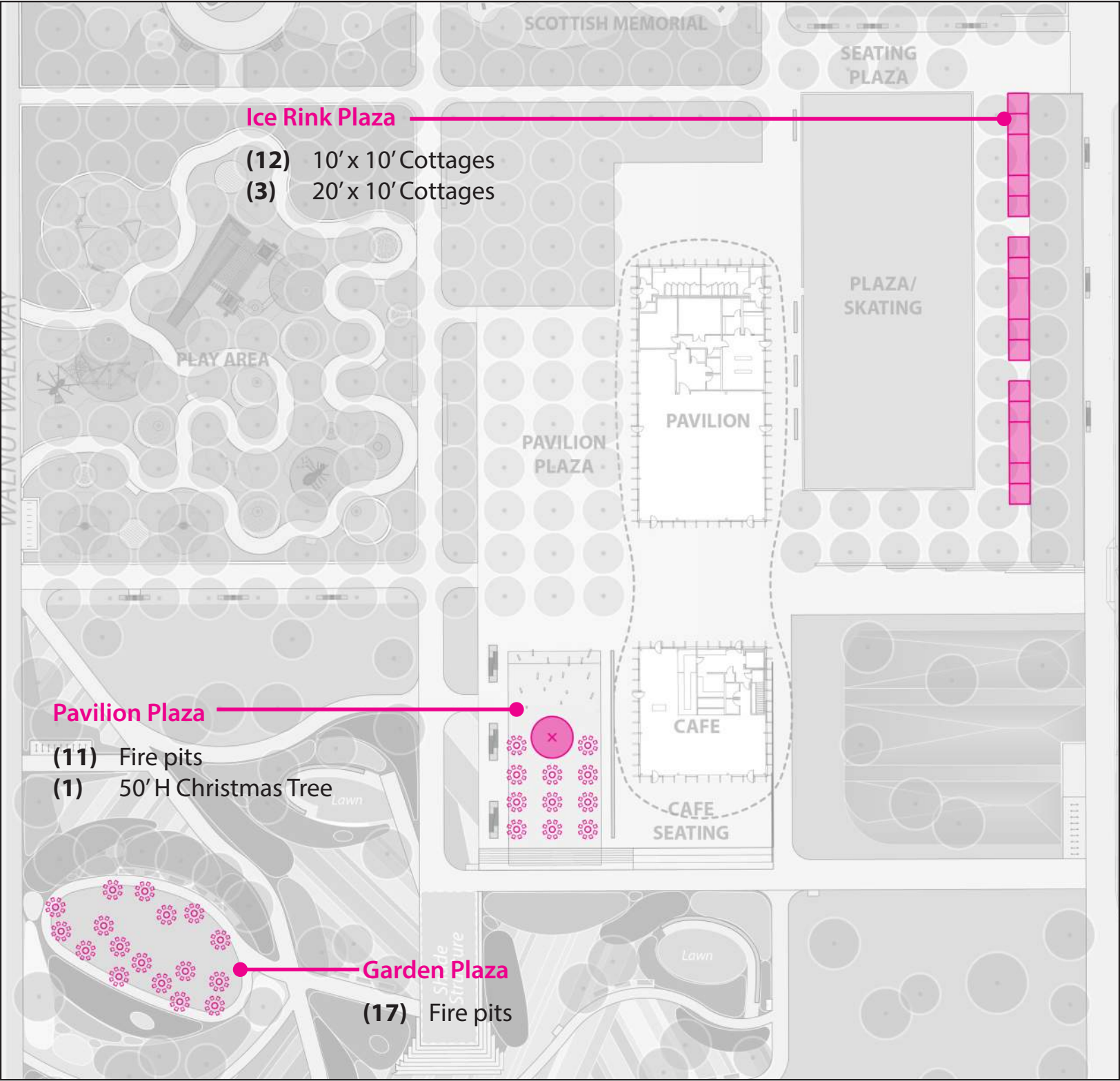
PARK AT PENN'S LANDING

HARGREAVES JONES / KIERAN TIMBERLAKE / PENNONI

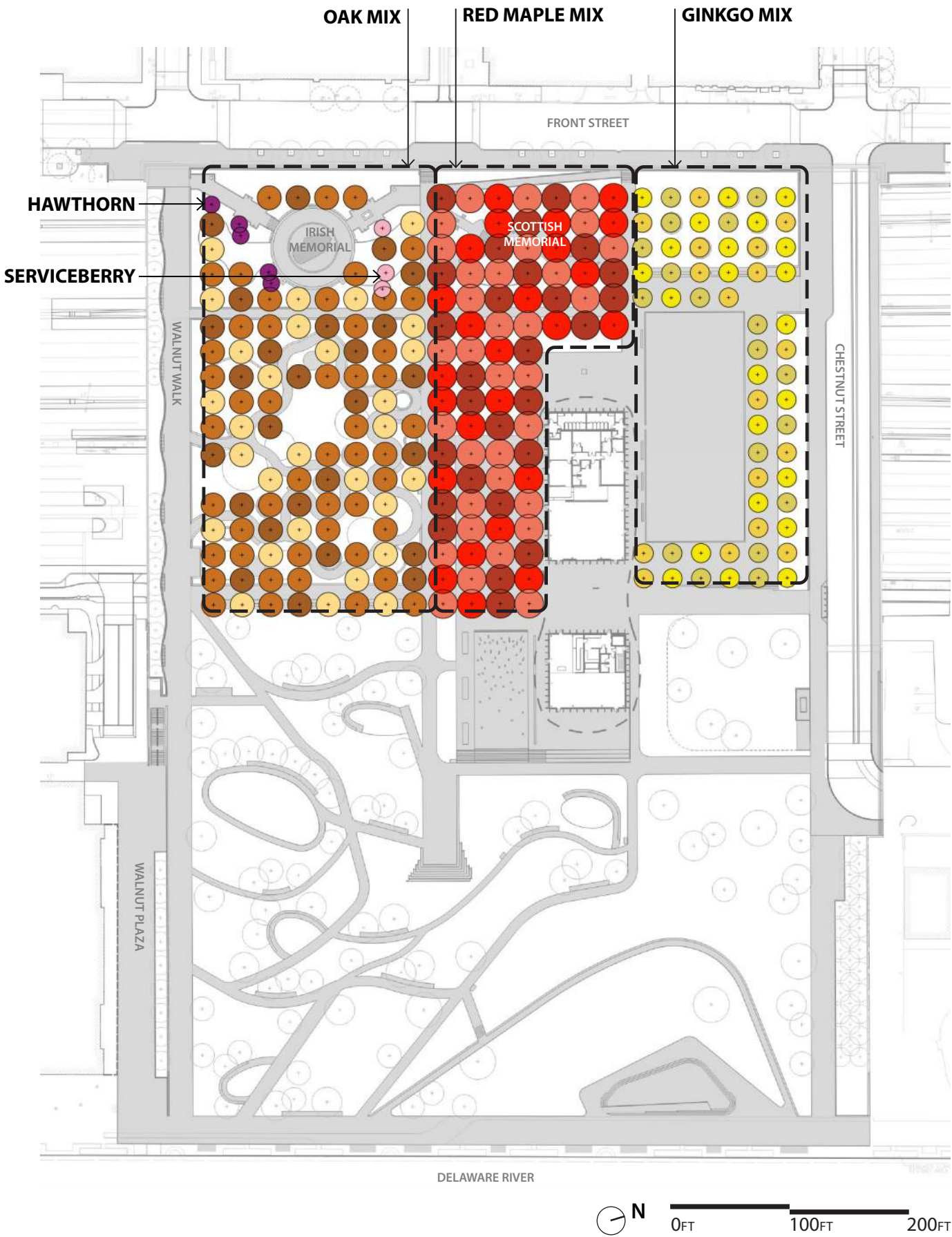
SEPTEMBER 14, 2022

PAGE 13

WINTERFEST



TREES_GROVE MIX



OAK MIX



Quercus bicolor 'JFS-KW12'
American Dream Oak



Quercus imbricaria
Shingle Oak



Quercus x macdanielii
'Clemons'
Heritage Oak

RED MAPLE MIX



Acer rubrum 'October Glory'
October Glory Maple



Acer rubrum 'Frank Jr.'
Redpointe Maple



Acer rubrum 'Sun Valley'
Sun Valley Maple

GINKGO MIX



Ginkgo biloba 'Autumn Gold'
Autumn Gold Ginkgo



Ginkgo biloba 'Halka'
Halka Ginkgo



Ginkgo biloba 'The President'
Presidential Gold Ginkgo

IRISH MEMORIAL TREES



Amelanchier x grandiflora
'Autumn Brilliance'
Autumn Brilliance Serviceberry

+



Crataegus viridis 'Winter King'
Winter King Hawthorn

TREES_PARK PERIMETER



FRONT STREET TREE



Quercus phellos
Willow Oak

WALNUT WALK TREES



Cercis canadensis 'Alba'
White Eastern Redbud



WALNUT PLAZA TREE



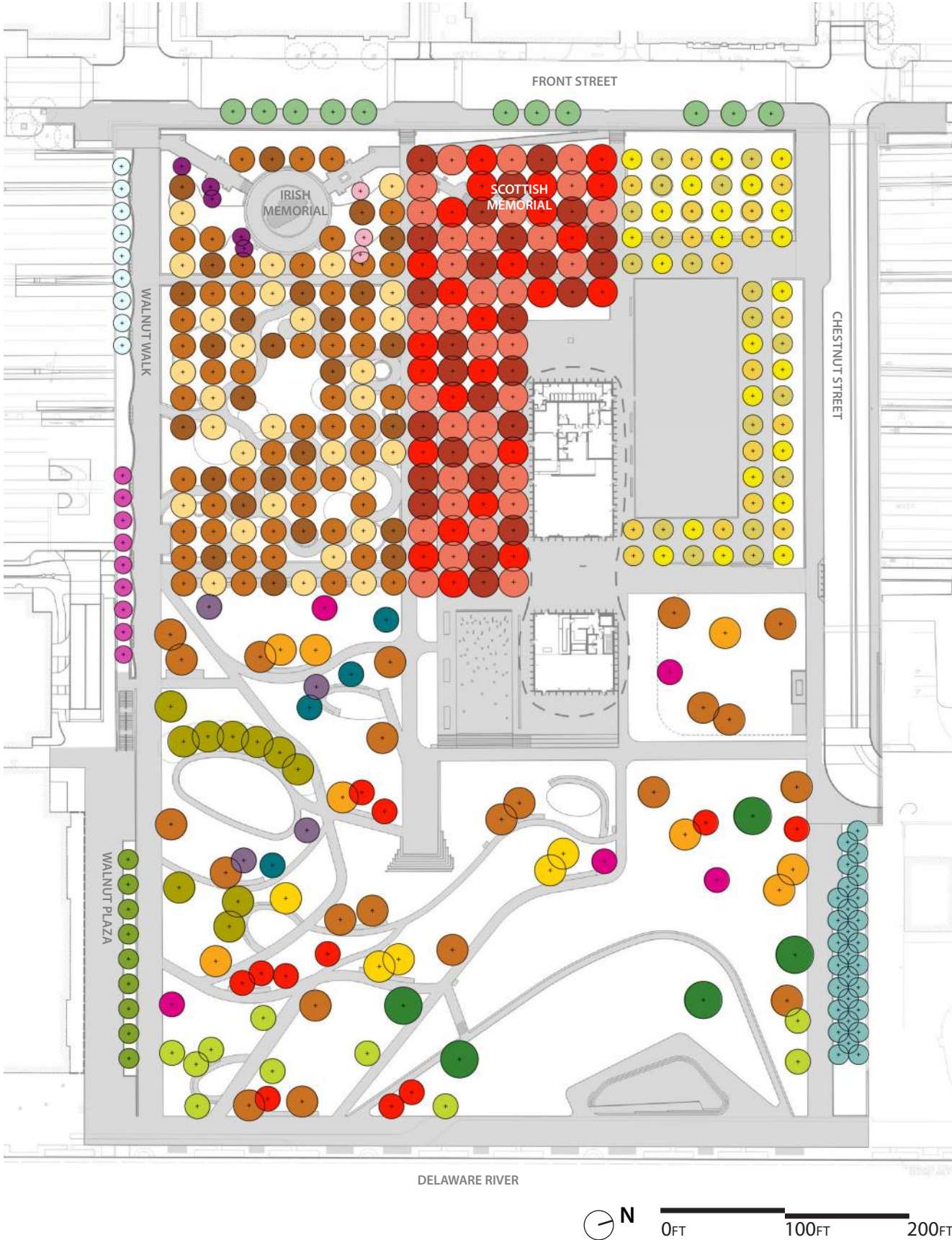
Cornus kousa x *Venus*
Venus Dogwood

CHESTNUT WALK TREE



Betula nigra 'BNMTF'
Dura-Heat River Birch

TREES_LAWN AND GARDEN



SPECIES MIX



Acer rubrum 'October Glory'
October Glory Maple





Gleditsia triacanthos
Honey Locust





Liquidambar styraciflua
American Sweetgum





Magnolia grandiflora 'D.D. Blanchard'
Southern Magnolia





Nyssa sylvatica 'JFS-RED PP26975'
Firestarter Tupelo





Nyssa sylvatica 'Haymanred'
Red Rage Tupelo





Platanus acerifolia 'Morton Circle'
Exclamation! Planetree





Quercus bicolor 'JFS-KW12'
American Dream Oak





Quercus phellos
Willow Oak

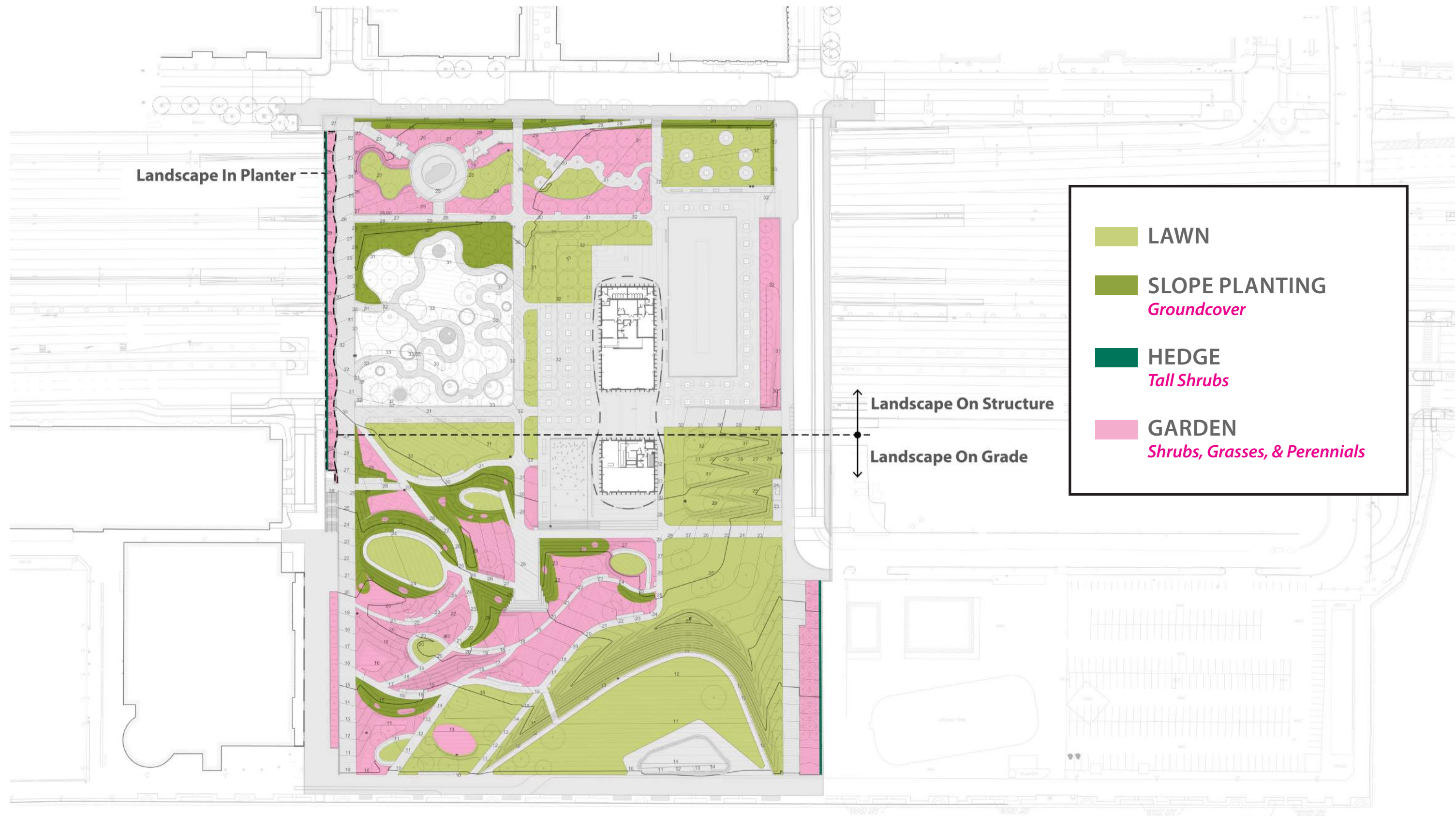




Taxodium distichum
Bald Cypress



UNDERSTORY PLANTING



LANDSCAPE COMMUNITY_FRONT STREET SLOPE



GROUNDCOVERS



Heuchera villosa 'Autumn Bride'
Hairy Alum Root
h: 18in. / w: 18in.
flower: August to September



Liriope muscari
Big Blue Lilyturf
h: 18in. / w: 18in.
flower: August to September



Dryopteris erythrosora 'Brilliance'
Brilliance Autumn Fern
h: 24in. / w: 24in.



Polystachum acrostichoides
Christmas Fern
h: 18 in. / w: 24in.

LANDSCAPE COMMUNITY_IRISH + SCOTTISH MEMORIALS



PARK AT PENN'S LANDING

GRASS MIX A



Molinia caerulea 'Moorflamme'
Moorflamme Moor Grass
h: 2.5ft / w: 2-3ft

GRASS MIX B



Panicum virgatum 'Cape Breeze'
Cape Breeze Switch Grass
h: 2-3ft / w: 1.5-2ft

LINEAR GRASS EDGE



Panicum virgatum 'Gunsmoke'
Gunsmoke Switch Grass
h: 4ft / w: 3ft
flower: July to February

+



Hyacinthoides non-scripta
English Bluebell
h: 1-1.5ft / w: 0.25-0.50ft
flower: April to May

+



Liatris aspera
Tall Blazing Star
h: 3ft / w: 2ft
flower: August to September

+



Parthenium integrifolium
Wild Quinine
h: 2-4ft / w: 1-2ft
flower: May to August

+



Veronicastrum virginicum 'Album'
Culver's Root
h: 3-5ft / w: 1-2ft
flower: June to August

+



Echinacea paradoxa
Yellow Coneflower
h: 2-3ft / w: 1-1.50ft
flower: June to August

HARGREAVES JONES / KIERAN TIMBERLAKE / PENNONI

LANDSCAPE COMMUNITY_PLAY AREA



GROUNDCOVERS



Heuchera villosa 'Autumn Bride'
Hairy Alum Root
h: 18-36in. / w: 18-24in.
flower: August to September



Liriope muscari
Big Blue Lilyturf
h: 12-18in. / w: 9-12in.
flower: August to September



Dryopteris erythrosora 'Brilliance'
Brilliance Autumn Fern
h: 24in. / w: 24in.



Polystachum acrostichoides
Christmas Fern
h: 18 in. / w: 24in.



Sarcococca hookeriana var. *humilis* *Fragrant Valley*
Fragrant Valley Sweet Box
h: 18in. / w: 30in.
flower: March to April



Hakonechloa macra
Hakone Grass
h: 24in. / w: 24in.

LANDSCAPE COMMUNITY_ **WALNUT WALK PLANTER**



HEDGE



Cornus alba 'Sibirica'
Tatarian Dogwood
h: 5-6ft / w: 3-5ft
flower: May to June



Cornus sanguinea 'Midwinter Fire'
Orange Twig Dogwood
h: 5-6ft / w: 5-6ft
flower: May to June



Cornus sericea 'Flaviramea'
Golden Twig Dogwood
h: 5-6ft / w: 5-6ft
flower: May to June



Fothergilla gardenii 'Mount Airy'
Mount Airy Dwarf Fothergilla
h: 6ft / w: 4ft
flower: April to May



Lindera glauca var. *salicifolia*
Asian Spicebush
h: 8-10ft / w: 4-6ft

LANDSCAPE COMMUNITY_WALNUT WALK PLANTER



GRASS MIX A



Bouteloua curtipendula
Sideoats Grama
h: 2-3ft / w: 2-3ft

+



Echinacea purpurea 'Green Twister'
Green Twister Coneflower
h: 3-4ft / w: 1-2ft
flower: July to September

+



Sedum x 'Night Embers'
Night Embers Stonecrop
h: 1.5-2ft / w: 1.5-2ft
flower: August to October

GRASS MIX B



Panicum virgatum 'Shenandoah'
Shenandoah Switch Grass
h: 3ft / w: 2-3ft

+



Veronicastrum virginicum 'Album'
Culver's Root
h: 3-5ft / w: 1-2ft
flower: June to August

+



Eupatorium dubium 'Little Joe'
Little Joe Joe Pye Weed
h: 3-4ft / w: 1-3ft
flower: July to September

GRASS MIX C



Schizachyrium scoparium 'Prairie Blues'
Prairie Blues Little Bluestem
h: 3ft / w: 1.5ft

+



Eryngium yuccifolium
Rattlesnake Master
h: 3-4ft / w: 2-3ft
flower: June to August

+



Agastache 'Black Adder'
Anise Hyssop
h: 4-5ft / w: 2-3ft
flower: July to August

LANDSCAPE COMMUNITY_ **WALNUT PLAZA GARDEN**



SHRUBS



Fothergilla × *intermedia* 'Blue Shadow'
Blue Shadow Fothergilla
h: 4ft / w: 3ft
flower: April to May



Clethra alnifolia 'Hummingbird'
Hummingbird Summersweet
h: 4ft / w: 3ft
flower: July to August

GRASSES



Deschampsia cespitosa 'Goldtau'
Goldtau Tufted Hairgrass
h: 2.5ft / w: 2ft



Schizachyrium scoparium 'Prairie Blues'
Prairie Blues Little Bluestem
h: 3ft / w: 1.5ft

PERENNIALS



Amsonia hubrichtii
Threadleaf Bluestar
h: 2-3ft / w: 2-3ft
flower: May to June



Echinacea purpurea 'Virgin'
Virgin Coneflower
h: 1.5-2ft / w: 1-1.5ft
flower: June to August



Pycnanthemum muticum
Blunt Mountainmint
h: 2-3ft / w: 2-3ft
flower: July to Sept



Anemone x hybrida 'Honorine Jobert'
Honorine Jobert Windflower
h: 3-4ft / w: 1-1.5ft
flower: Sept to Oct

LANDSCAPE COMMUNITY_CHESTNUT WALK GARDEN



GRASS



Panicum virgatum 'Shenandoah'
Shenandoah Switch Grass
h: 3ft / w: 2-3ft

PERENNIALS



Amsonia hubrichtii
Threadleaf Bluestar
h: 2-3ft / w: 2-3ft
flower: May to June



Anemone x hybrida
Honorine Jobert
h: 3-4ft / w: 1.6-2ft
flower: August to November



Eryngium yuccifolium
Rattlesnake Master
h: 4-5ft / w: 2-3ft
flower: late May to June



Eupatorium dubium 'Little Joe'
Little Joe Joe Pye Weed
h: 3-4ft / w: 1-3ft
flower: July to September



Penstemon digitalis 'Husker Red'
Husker Red Beardtongue
h: 2-3ft / w: 1-2ft
flower: April to June



Persicaria amplexicaulis 'Firedance'
Knotweed
h: 2-3ft / w: 1.5-2.5ft
flower: June to September



Pycnanthemum muticum
Blunt Mountainmint
h: 2-3ft / w: 2-3ft
flower: July to September

LANDSCAPE COMMUNITY_CHESTNUT WALK GARDEN



HEDGE



Abelia x grandiflora 'Little Richard'
Little Richard Abelia
h: 3ft / w: 3ft
flower: May to September

GRASSES



Bouteloua curtipendula
Sideoats Grama
h: 2-3ft / w: 2-3ft

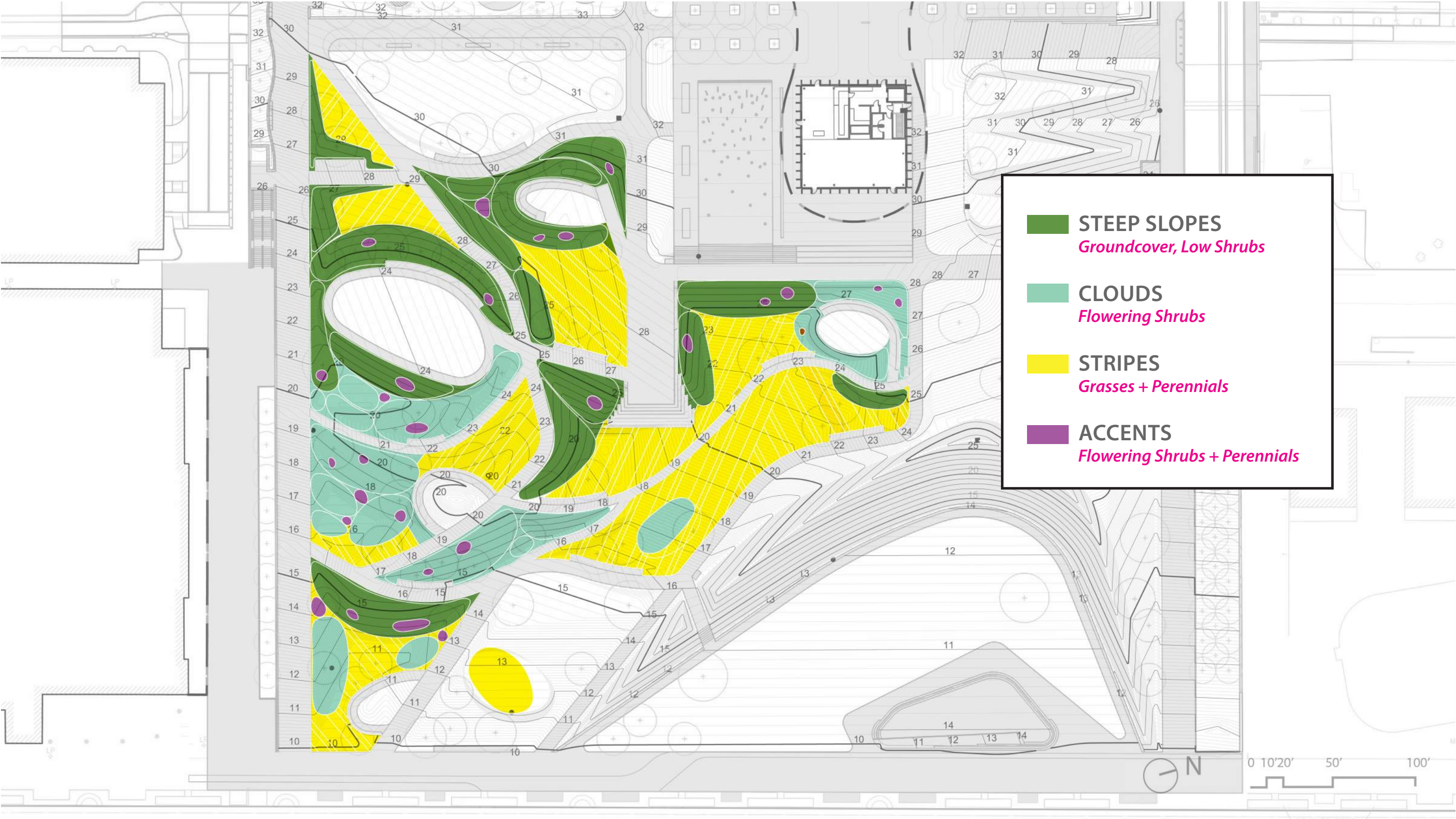


Panicum virgatum 'Cape Breeze'
Cape Breeze Switch Grass
h: 2-3ft / w: 1.5-2ft

GARDEN AREA



GARDEN UNDERSTORY CHARACTER



GARDEN HABITAT AREAS



LANDSCAPE COMMUNITY_BUTTERFLY GARDEN



PARK AT PENN'S LANDING

SLOPES



Rhus aromatica 'Gro-Low'
Fragrant Sumac
h: 2ft / w: 6ft
flower: April to May



Deutzia gracilis 'Nikko'
Slender Deutzia
h: 1-2ft / w: 2-5ft
flower: April to May



Taxus x media 'Everlow'
Everlow Yew
h: 1-2ft / w: 4-5ft



Liriope muscari 'Majestic'
Majestic Lily Turf
h: 1-2ft / w: 1-2ft
flower: August to September

SLOPE ACCENT



Agastache Blue Fortune
Blue Fortune Hyssop
h: 5ft / w: 1.5ft
flower: July to September

STRIPES - UPPER GARDEN (DRY)

grass



Schizachyrium scoparium 'The Blues'
Little Bluestem
h: 2 ft / w: 1.5ft
flower: June to August



Eragrostis spectabilis
Purple Lovegrass
h: 2ft / w: 2.5ft
flower: July to August



Muhlenbergia capillaris
Pink Muhly Grass
h: 3 // 4ft / w: 2ft
flower: September to November

perennial sprinkle



Echinacea purpurea
Purple Coneflower
h: 2-5ft / w: 1.5-2ft
flower: June to August



Asclepias verticillata
Whorled Milkweed
h: 1.5-3ft / w: 1.5-2ft
flower: August to September



Eryngium yuccifolium
Rattlesnake Master
h: 3-4ft / w: 2-3ft
flower: June to August

STRIPES - LOWER GARDEN (WET)

grass



Molinia caerulea 'Moorflamme'
Moorflamme Moor Grass
h: 2.5 // 4.54ft / w: 2-3ft
flower: July to September



Panicum virgatum 'Cape Breeze'
Cape Breeze Switch Grass
h: 2.5ft / w: 2ft
flower: August to October



Panicum virgatum 'Shenandoah'
Shenandoah Switch Grass
h: 3ft / w: 2ft
flower: July to February

perennial sprinkle



Liatris aspera
Tall Blazing Star
h: 3-5ft / w: 1-2ft
flower: July to October



Asclepias speciosa
Showy Milkweed
h: 1-2.5ft / w: 1.5-2.5ft
flower: August to September



Eupatorium dubium 'Little Joe'
Little Joe Joe Pye Weed
h: 3-4ft / w: 1-3ft
flower: July to September

STRIPE ACCENTS



Monarda didyma 'Raspberry Wine'
Raspberry Bee Balm
h: 2-4ft / w: 2-3ft
flower: June to July



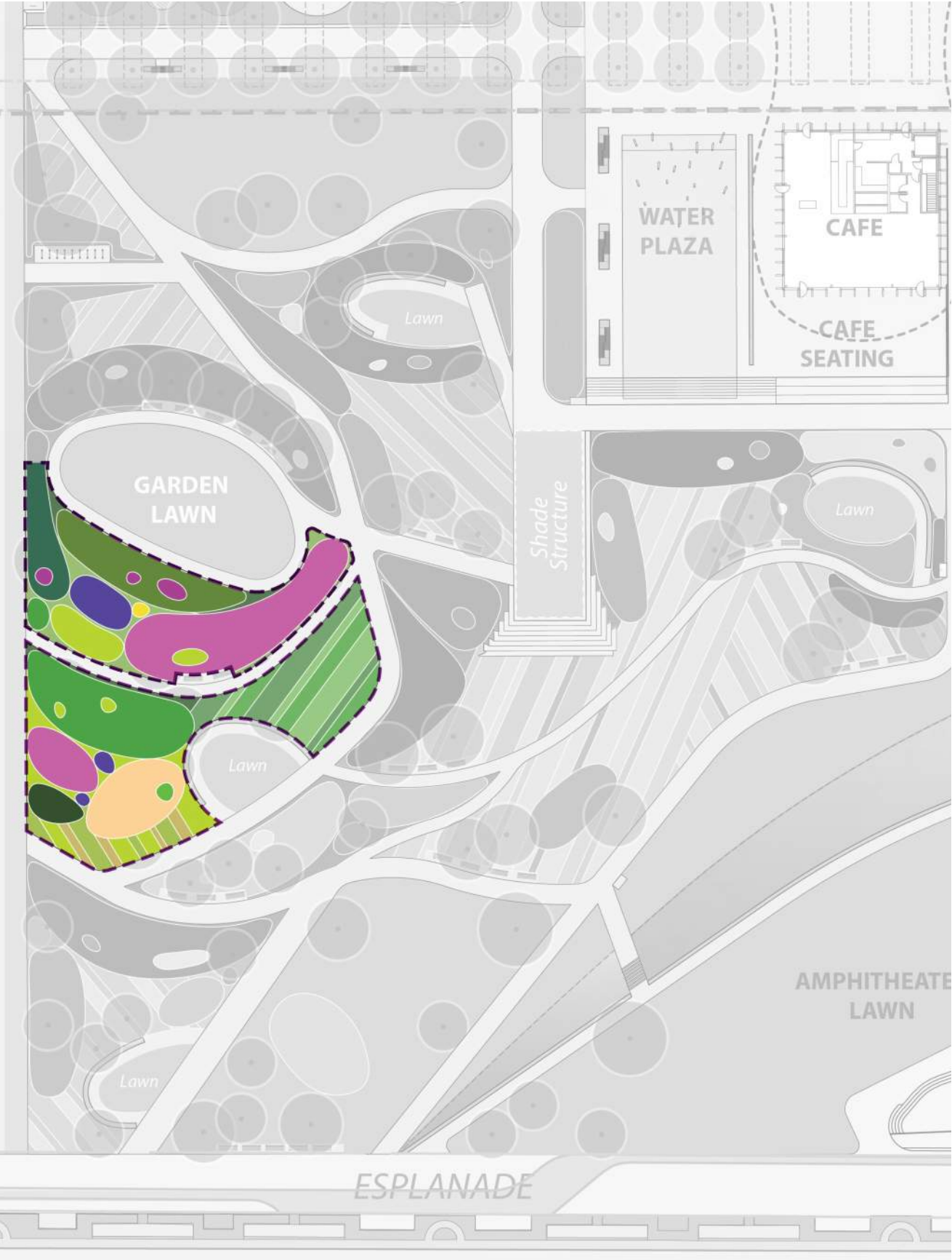
Eupatorium hyssopifolium
Hyssop-leaved Thoroughwort
h: 3 ft / w: 2 ft
flower: August to Sept

STRIPE ACCENT



Amsonia hubrichtii
Threadleaf Bluestar
h: 2-3ft / w: 2-3ft
flower: April to May

LANDSCAPE COMMUNITY_FRAGRANCE / HUMMINGBIRD GARDEN



SLOPES



Taxus x media 'Everflow'
Everlow Yew
h: 1-2ft / w: 4-5ft



Liriope muscari 'Variegata'
Variegated Lily Turf
h: 1-2ft / w: 1-2ft
flower: August to September

SLOPE ACCENT



Agastache Blue Fortune
Blue Fortune Hyssop
h: 5ft / w: 1.5ft
flower: July to September

INFILL ACCENTS



Rudbeckia maxima
Great Coneflower
h: 5ft / w: 3ft
flower: July to September



Vernonia noveboracensis
New York Ironweed
h: 4-6ft / w: 3-4ft
flower: July to September

CLOUDS (UPPER)



Aster novae-angliae
New England Aster
h: 5ft / w: 3ft
flower: August to September



Spiraea thunbergii 'Ogon'
Ogon Spirea
h: 4ft / w: 3ft
flower: March-April



Ceanothus americanus
New Jersey Tea
h: 4ft / w: 4ft
flower: June and July



Syringa x Bloomerang Dark Purple
Dwarf Reblooming Lilac - Dark Purple
h: 5ft / w: 4ft
flower: June to September

CLOUD ACCENT



Cotinus coggygria Winecraft Gold
Chartreuse Smokebush
h: 6ft / w: 4ft
flower: June

CLOUDS (LOWER)



Callicarpa dichotoma 'Early Amethyst'
Purple Beautyberry - Early Amethyst
h: 4ft / w: 4ft
berries: September +



Clethra alnifolia 'Summer Sparkler'
Summersweet - Summer Sparkler
h: 4ft / w: 4ft
flower: July to August



Syringa x Bloomerang Dark Purple
Dwarf Reblooming Lilac - Dark Purple
h: 5ft / w: 4ft
flower: June to September



Abelia x grandiflora 'Rose Creek'
Rose Creek Abelia
h: 3ft / w: 3ft
flower: May to September

STRIPES



Bouteloua curtipendula
Sideoats Grama
h: 2-3ft / w: 2-3ft
flower: July to August



Calamintha nepeta 'White Cloud'
White Cloud Lesser Calamint
h: 2-4ft / w: 1-2ft
flower: June to September



Sporobolus heterolepis
Prairie Dropseed
h: 2ft / w: 1.5ft
flower: August to October

grass

perennial sprinkle

STRIPE ACCENT



Baptisia x Decadence Dark Chocolate
Dark Chocolate False Indigo
h: 3 ft / w: 3 ft
flower: May to June

grass

perennial sprinkle



Schizachyrium scoparium 'The Blues'
Little Bluestem
h: 2 ft / w: 1.5ft
flower: June to August



Penstemon digitalis 'Husker Red'
Foxglove Beardtongue
h: 1-2.5ft / w: 1-1.5ft
flower: May to June

LANDSCAPE COMMUNITY_POLLINATOR GARDEN



SLOPES



Rhus aromatica 'Gro-Low'
Fragrant Sumac
h: 2ft / w: 6ft
flower: April to May



Deutzia gracilis 'Nikko'
Slender Deutzia
h: 1-2ft / w: 2-5ft
flower: April to May



Taxus x media 'Everlow'
Everlow Yew
h: 1-2ft / w: 4-5ft



Liriope muscari 'Majestic'
Majestic Lily Turf
h: 1-2ft / w: 1-2ft
flower: August to September

SLOPE ACCENT



Agastache Blue Fortune
Blue Fortune Hyssop
h: 5ft / w: 1.5ft
flower: July to September

CLOUDS



Fothergilla gardenii 'Mt. Airy'
Mt. Airy Fothergilla
h: 4ft / w: 4-6ft
flower: April to May



Clethra alnifolia 'Hummingbird'
Hummingbird Summersweet
h: 4ft / w: 3-5ft
flower: July to August



Cephalanthus occidentalis
Buttonbush
h: 6ft / w: 4ft
flower: June to September

CLOUD ACCENT



Cotinus coggygria 'Winecraft Gold'
Chartreuse Smokebush
h: 6ft / w: 4ft
flower: June

STRIPES

grass



Molinia caerulea 'Moorflamme'
Moorflamme Moor Grass
h: 2.5 // 4.54ft / w: 2-3ft
flower: July to September

perennial



Salvia nemorosa 'Caradonna'
Caradonna Garden Sage
h: 2ft / w: 1-2ft
flower: June to September



Panicum virgatum 'Cape Breeze'
Cape Breeze Switch Grass
h: 2.5ft / w: 2ft
flower: August to October



Bouteloua curtipendula
Sideoats Grama
h: 2-3ft / w: 2-3ft
flower: July to August



Perovskia atricifolia
Russian Sage
h: 4 ft / w: 1.5-2 ft
flower: July to September

STRIPE SPRINKLES



Asclepias tuberosa
Butterfly Milkweed
h: 1-2.5ft / w: 1-1.5ft
flower: June to August



Achillea filipendulina 'Coronation Gold'
Coronation Gold Yarrow
h: 3-4ft / w: 2-3ft
flower: June to September



Rudbeckia subtomentosa 'Little Henry'
Dwarf Sweet Coneflower
h: 3-4ft / w: 1-2ft
flower: July to October

STRIPE ACCENTS

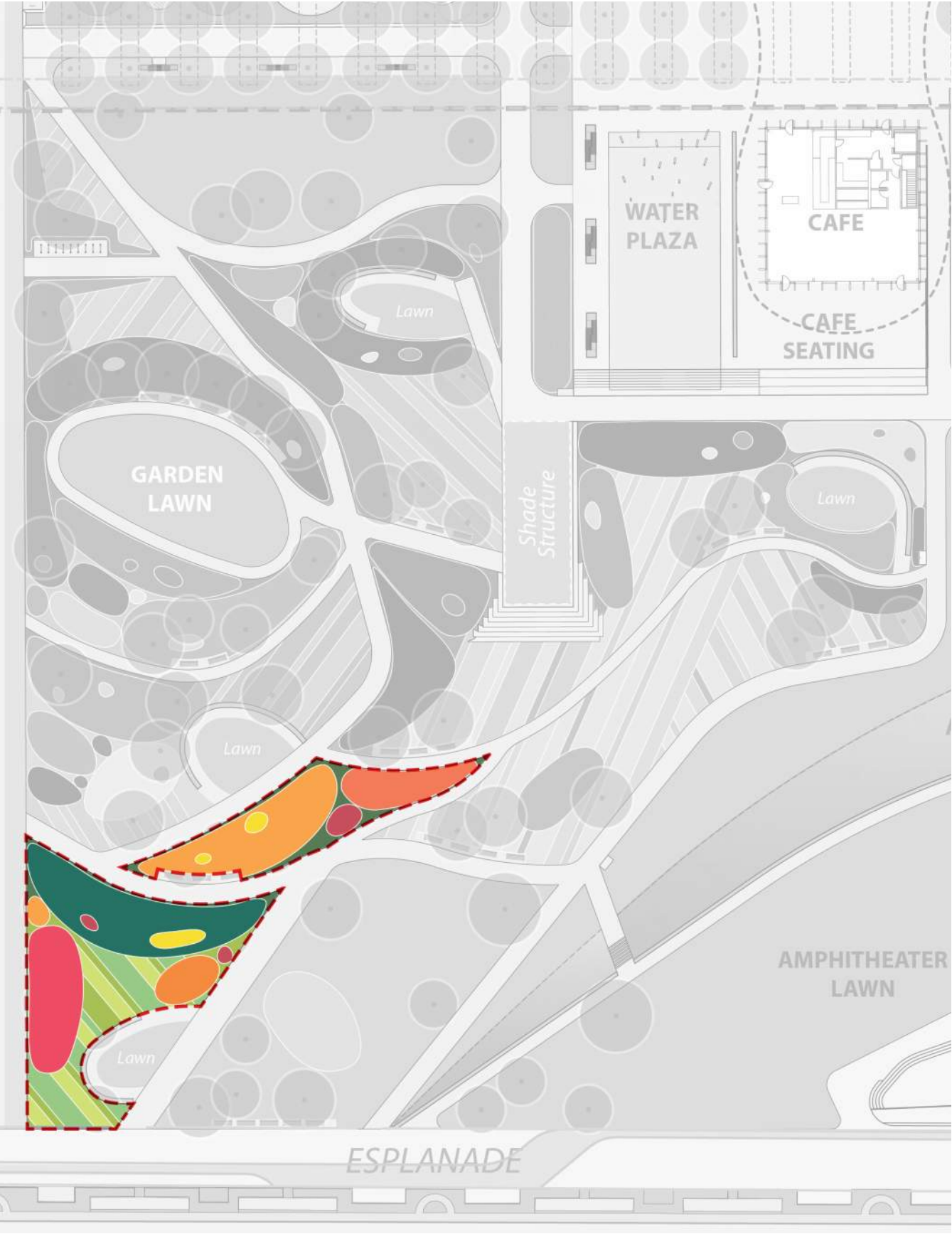


Aster laevis 'Bluebird'
Smooth Aster
h: 2.5-3ft / w: 2-2.5ft
flower: September to October



Amsonia hubrichtii
Threadleaf Bluestar
h: 2-3ft / w: 2-3ft
flower: April to May

LANDSCAPE COMMUNITY_BIRD GARDEN



SLOPES



Aronia melanocarpa 'Ground Hug'
Ground Hug Chokeberry
h: 1ft / w: 3ft
flower: May



Taxus x media 'Everlow'
Everlow Yew
h: 1-2ft / w: 4-5ft

SLOPE ACCENT



Ilex verticillata 'Winter Gold'
Winter Gold Winterberry
h: 5-8ft / w: 5-8ft
flower: May to June

CLOUDS



Ilex verticillata 'Red Sprite'
Red Sprite Winterberry
h: 2.5-3ft / w: 2.5-3ft
flower: June to July



Cornus sericea 'Arctic Fire'
Red Twig Dogwood
h: 4ft / w: 4ft
flower: May to June



Cornus sanguinea 'Arctic Sun'
Arctic Sun Dogwood
h: 5ft / w: 5ft
flower: May to June



Ilex glabra 'Shamrock'
Shamrock Inkberry
h: 4ft / w: 3ft

CLOUD ACCENT



Ilex verticillata 'Berry Heavy Gold'
Berry Heavy Gold Winterberry
h: 6-8ft / w: 6-8ft
flower: May to June

STRIPES

grass



Molinia caerulea 'Moorflamme'
Moorflamme Moor Grass
h: 2.5 // 4.54ft / w: 2-3ft
flower: July to September



Panicum virgatum 'Shenandoah'
Shenandoah Switch Grass
h: 3ft / w: 2-3ft
flower: August to October



Muhlenbergia reverchonii 'Undaunted'
Undaunted Rose Muhly Grass
h: 1.5 // 2ft / w: 2ft
flower: September to November

perennial sprinkle

+



Persicaria amplexicaulis 'Firetail'
Mountain Fleece
h: 1-2.5ft / w: 1-1.5ft
flower: July to September

+



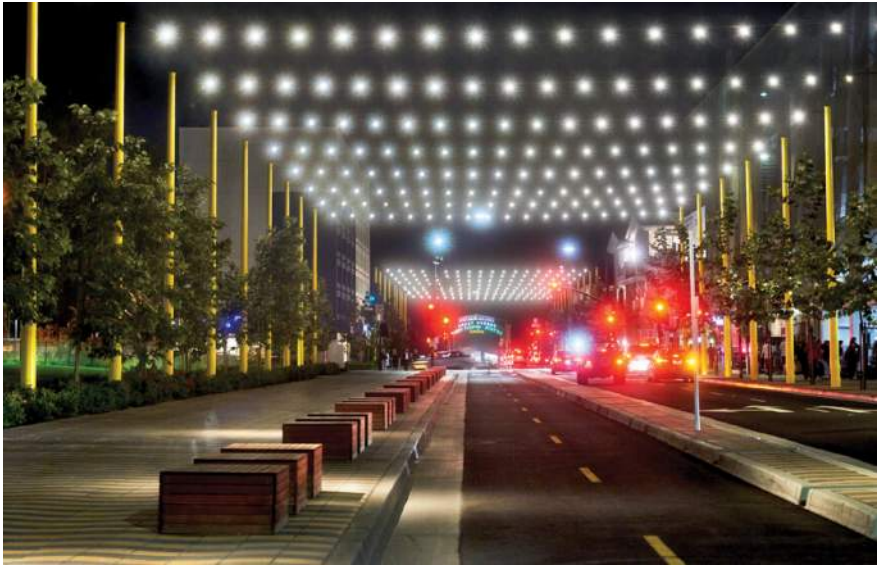
Veronicastrum virginicum 'Album'
Culver's Root
h: 3-5ft / w: 1-2ft
flower: June to August

STRIPE ACCENT



Monarda didyma 'Jacob Cline'
Jacob Cline Bee Balm
h: 3-4ft / w: 2-3ft
flower: June to August

LIGHTING DESIGN CONCEPT



PARK AT PENN'S LANDING

HARGREAVES JONES / KIERAN TIMBERLAKE / PENNONI

LIGHTING DESIGN CONCEPT



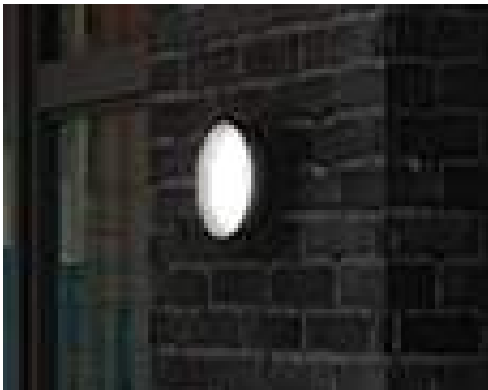
—○— Architectural Catenary - 30ft



○● Architectural Light Pole - 16ft



— — — Steplight Accent - 2-3ft



● Globe Light Pole- 10ft



...●... Whimsical Catenary - 15-20ft



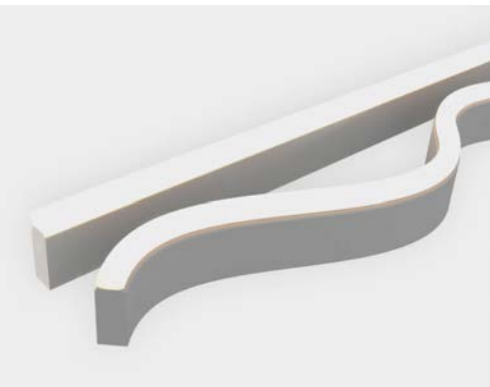
LIGHTING DESIGN CONCEPT



● Illuminated Bollard - 2-3ft



— Linear Bench Accent - 2-3ft



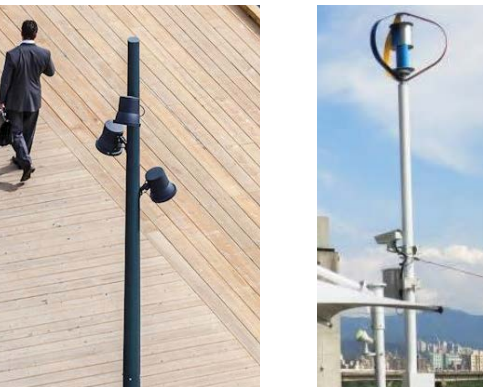
- - - Illuminated Handrail- 3ft



✱ High Mast Pole - 35-40ft



⊙ Wind Turbine Pole - 30-35ft



THE PHILADELPHIA ART COMMISSION

SEPTEMBER 14TH 2022

PARK AT PENN'S LANDING
DELAWARE RIVER WATERFRONT CORPORATION

PENNDOT
CITY OF PHILADELPHIA

HARGREAVES JONES
KIERAN TIMBERLAKE
PENNONI