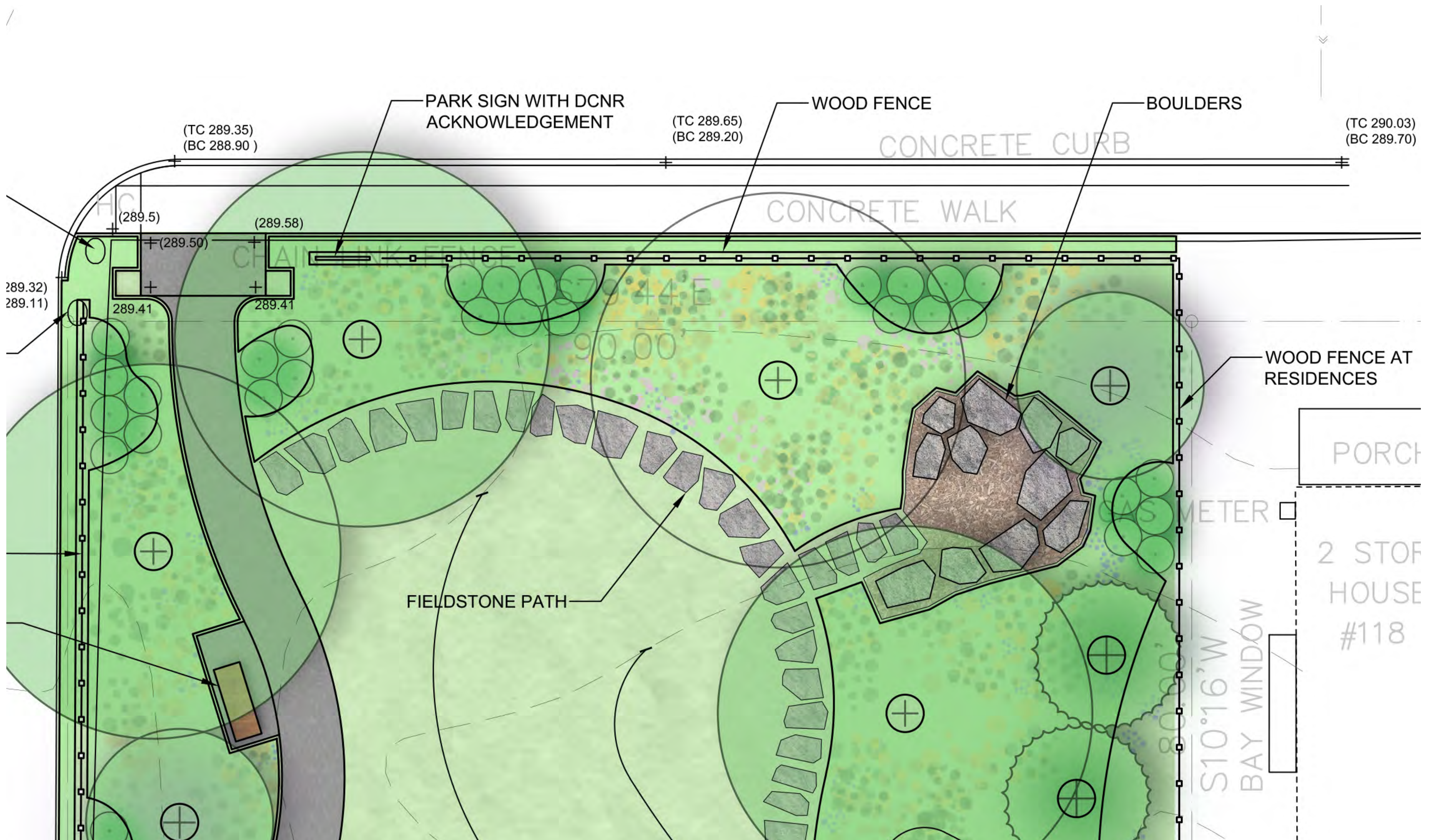
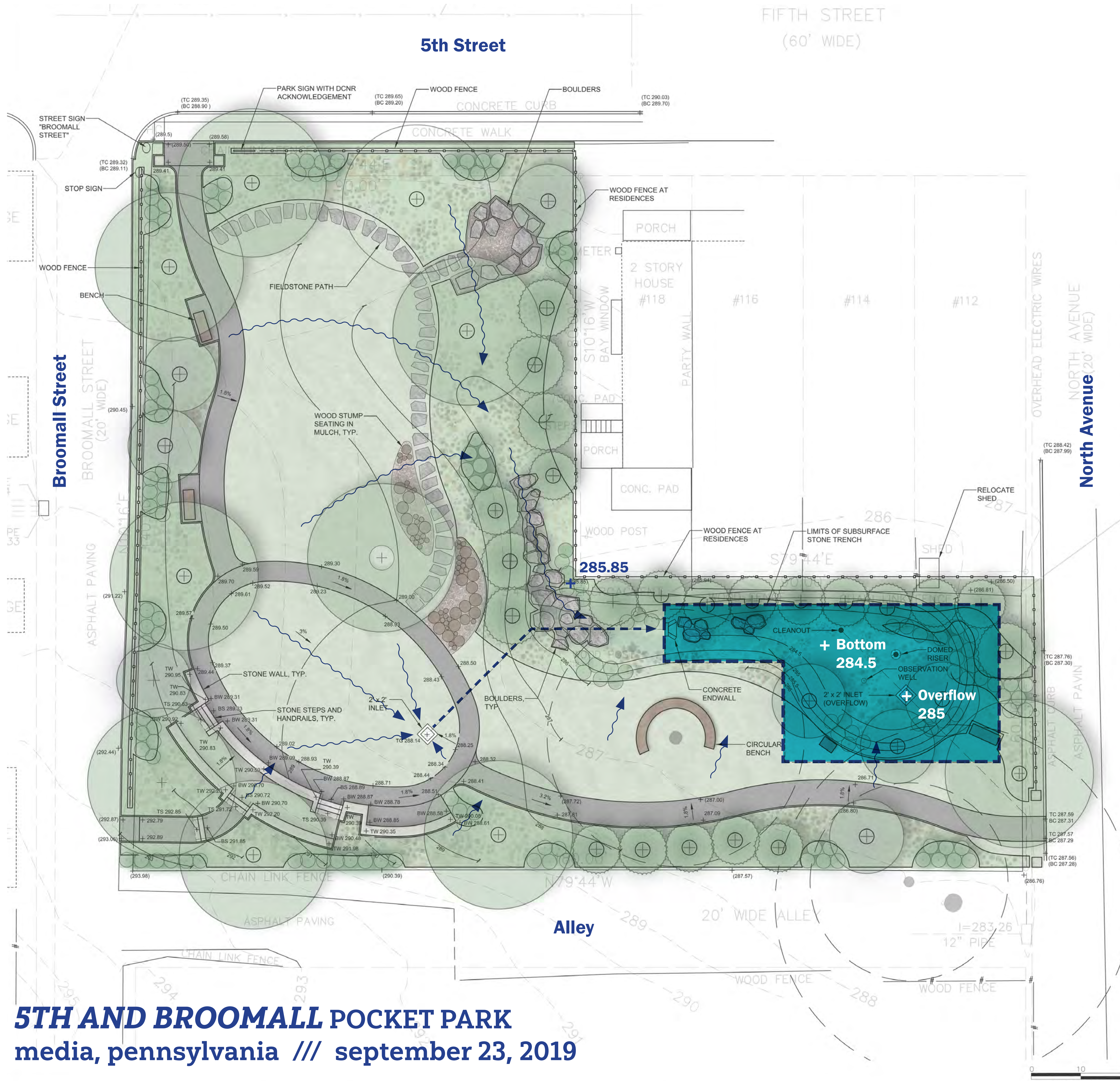


FIFTH STREET
(60' WIDE)







Site Conditions:
Total Drainage Area within LOD (sf): 18,877
Drainage Area from Broomall St (sf): 1,816
Required Net Runoff Volume 2 Yr 24 -Hour Storm (cf): 265 (including Broomall St)
Total Runoff Volume 2 Yr 24 Hr Storm (cf): 2,913

Proposed Design:
Subsurface Stone Footprint (sf): 1,918
RG Soil Footprint (sf): 1,643
Depths: 2' Min Soil, 1.5' Stone, 6" Sand
Proposed Rain Garden Storage Volume (cf): 2,585
Proposed Rain Garden Loading Ratio : 3:1
Drawdown Time: 51 Hours

Estimated Flood Elevations: To be refined pending Geotechnical Infiltration rate.
100 Yr Stage Elevation (ft): +285.23

HARDSCAPE MATERIALS

**Mountain Fieldstone or Approved Equal
Rolling Rock Quarry
4”-12” thick; 18” diameter**



**Mountain Fieldstone Pavers or Approved Equal
Rolling Rock Quarry
1”-2” thick; 12”-24” diameter**



**Barnstone Steps or Approved Equal
Rolling Rock Quarry
6” riser height, Thermal, Slip Resistant, ADA
accessible finish**



**Boulders - Alverson Outcropping
or Approved Equal
Rolling Rock Quarr
1”-2” thick; 12”-24” diameter**



HARDSCAPE MATERIALS, continued

Furnishings
Landscape Forms ‘Plainwell’ Bench
6’ Powdercoated Aluminum, Ipe Slats



Litter Receptacles
Landscape Forms Chase Park
Dual Recycling/Litter



Litter Receptacles Alternate
Keystone Ridge Penn



Furnishings
Sitecraft ‘Y Series’ Bench
6’ Inside Radius, 24’ Arc Length, Ipe Slats



Bicycle Racks
Landscape Forms Bola



Pet Waste Station
Terra Bound Solutions - with or without Can



HARDSCAPE MATERIALS, continued

Steel Handrails, Powdercoated Black



**Wood Fence
Black Locust, 6” square posts;
(2) rails at 2”x8”**



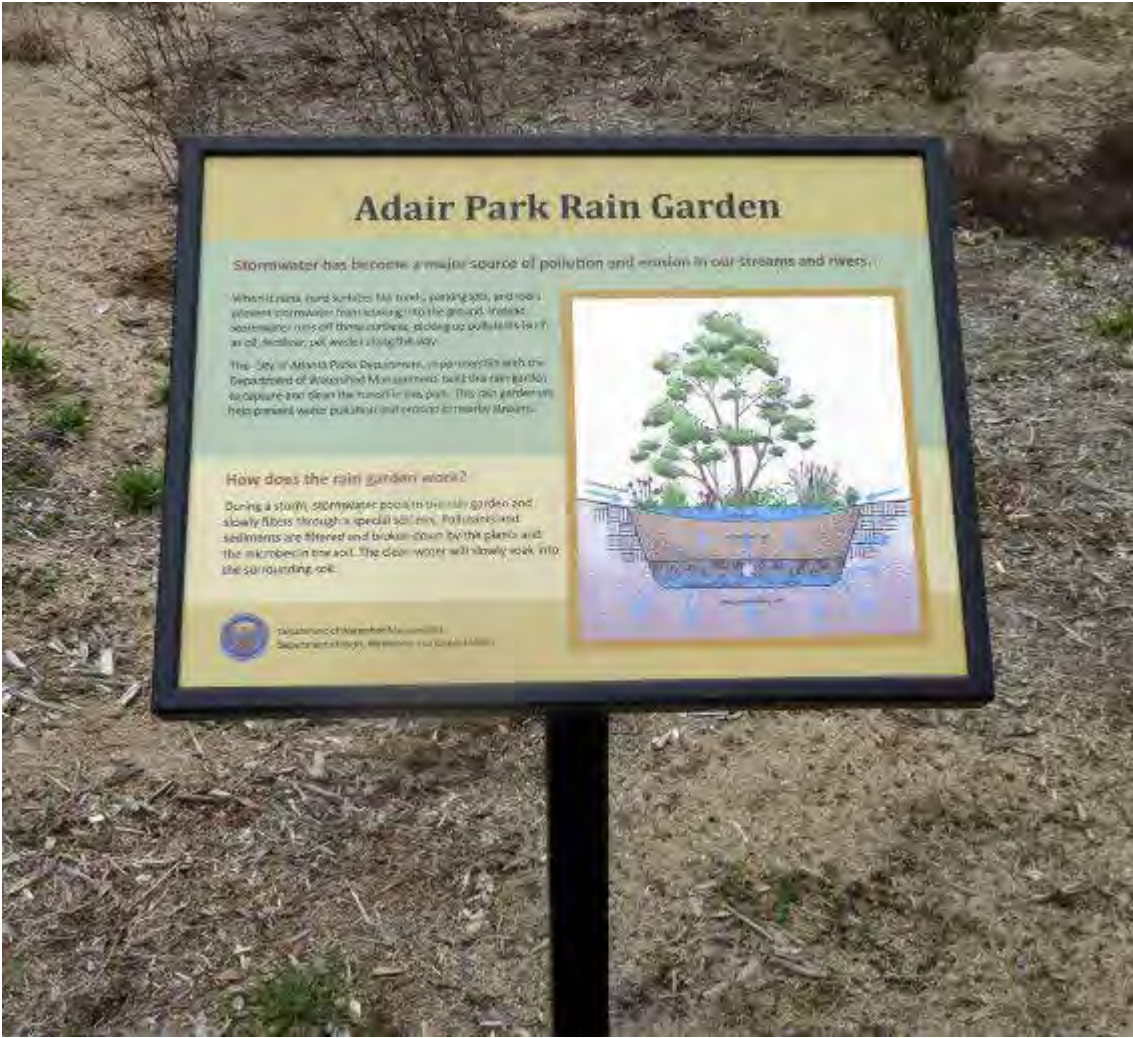
**Wood Fence, Alternate
Red Cedar Split Rail**



**Park Sign:
Park Name?
DCNR Acknowledgement**



**Raingarden Sign
Envirosigns 18”x24” DuraFrame with
Single Post**



TREES

Shade Trees

Liriodendron tulipifera
Tulip Poplar



Quercus imbricaria
Laurel Oak



Carya ovata
Shagbark hickory



Understory Trees

Cercis canadensis
Eastern Redbud



Amelanchier laevis
Serviceberry



Evergreen Buffer Trees

Juniperus virginiana
‘Emerald Sentinel’
Red Cedar



Ilex opaca
American Holly



Magnolia virginiana
Sweetbay
Magnolia



Deciduous Shrubs

Clethra alnifolia
Sweet Pepperbush



Hydrangea quercifolia
Oakleaf Hydrangea



Evergreen Shrubs

Ilex glabra
Inkberry



Lindera benzoin
Spicebush



Ilex verticillata
Winterberry



Cephalotaxus harringtonia
Japanese Plum Yew



Hamamelis virginiana
Witch Hazel

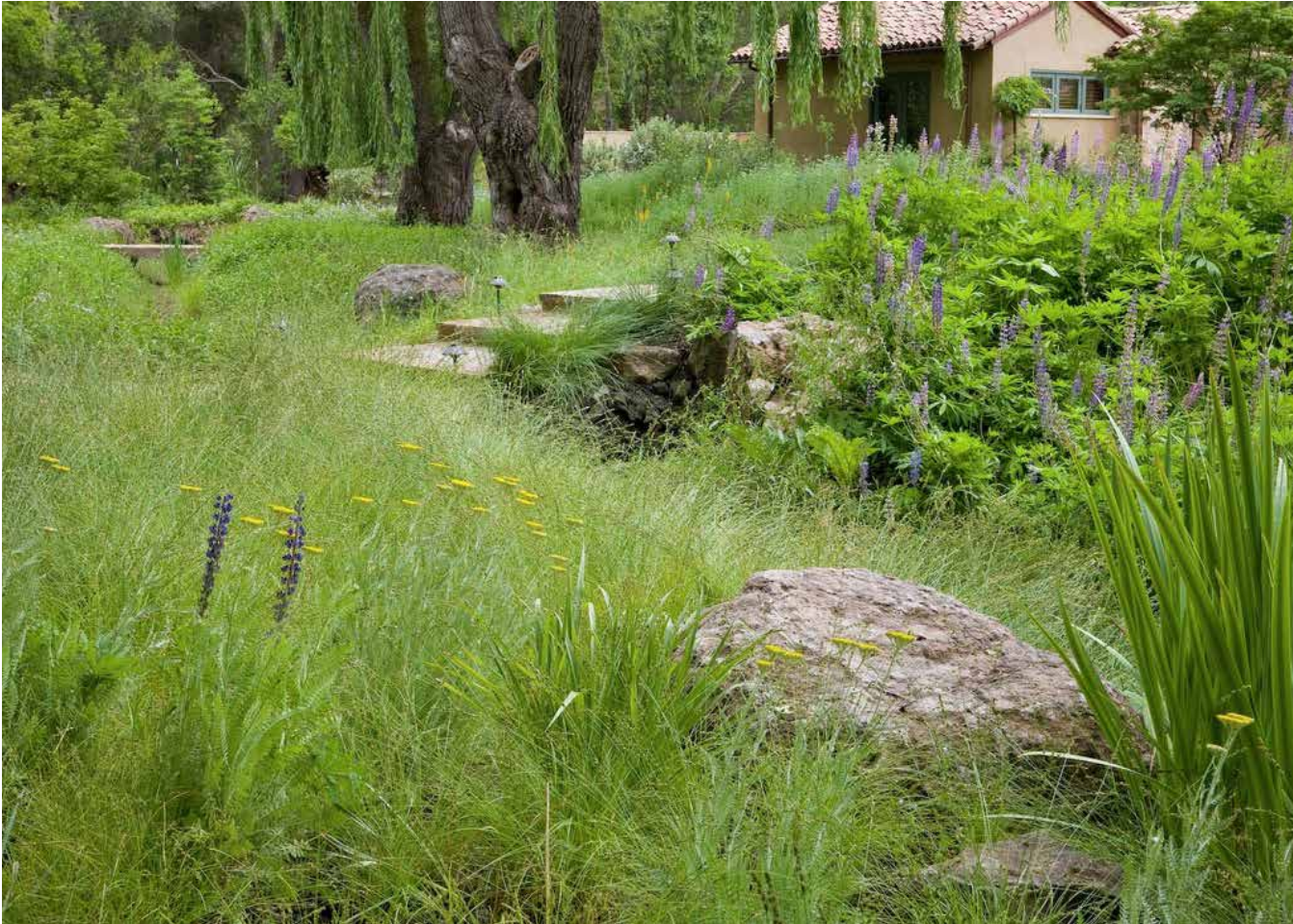
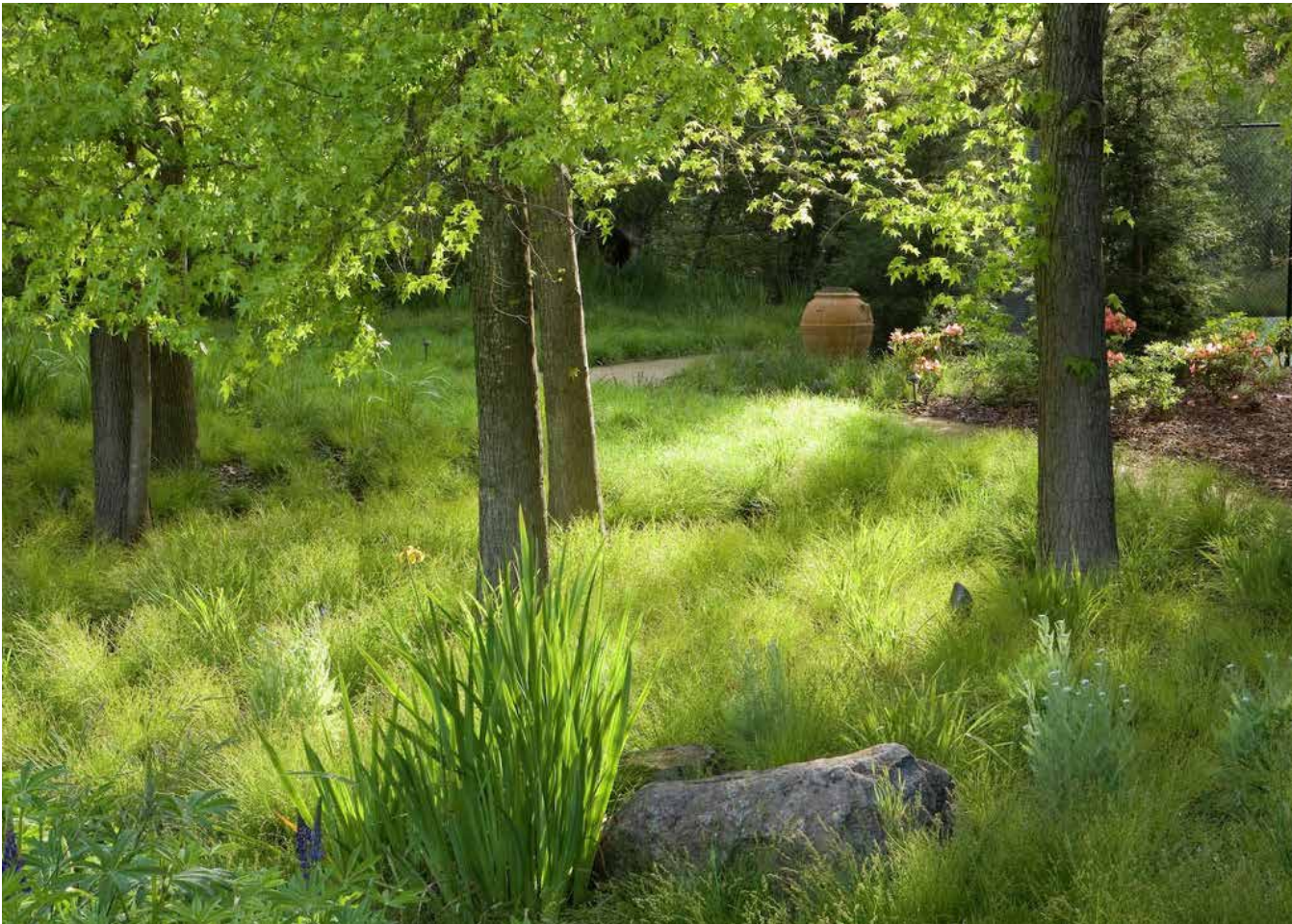


Viburnum nudum ‘Winterthur’
Smooth Witherod



HERBACEOUS PERENNIALS

Matrix-style planting approach



Shaded Ferny Garden

Osmunda cinnamomea
Cinnamon Fern



Packera aurea
Golden Ragwort



Pachysandra procumens
Allegheny Spurge



Tiarella cordifolia
Foamflower



Sun-Dappled Border Garden

Carex apalachica
Appalachian Sedge



Phlox divericata
Wild Sweet William



Aquilegia canadensis
Columbine



Carex plantaginea
Plantainleaf Sedge



Erigeron pulchellus
‘Lynhaven Carpet’
Robin’s Plantain



Heuchera americana
‘Dale’s Strain’
Alumroot



Dennstaedtia punctiloba
Hay-scented Fern



Deschampsia flexuosa
Wavy Hairgrass



Bouteloua gracilis
‘Blonde Ambition’
Blue Grama Grass



Carex pensylvanica
Pennsylvania Sedge



HERBACEOUS PERENNIALS, continued

Sunny Edgers

Allium cernuum
Wild Onion



Allium x 'Summer
Beauty'
Ornamental Onion

Bouteloua gracilis
'Blonde Ambition'
Blue Grama Grass



Carex apalachica
Appalachian Sedge

Sisyrinchium angustifolium
Blue-Eyed Grass



Monarda bradburiana
Eastern Bee Balm

Nasella tenuissima
Mexican Feather Grass



Echinacea pallida
Pale Purple
Coneflower

Raingarden

Panicum virgatum
'Shenandoah'
Switch Grass



Hibiscus coccineus
Scarlet Rose Mallow

Monarda bradburiana
Eastern Bee Balm



Carex pensylvanica
Pennsylvania Sedge

Eupatorium fistulosum
Joe Pye Weed

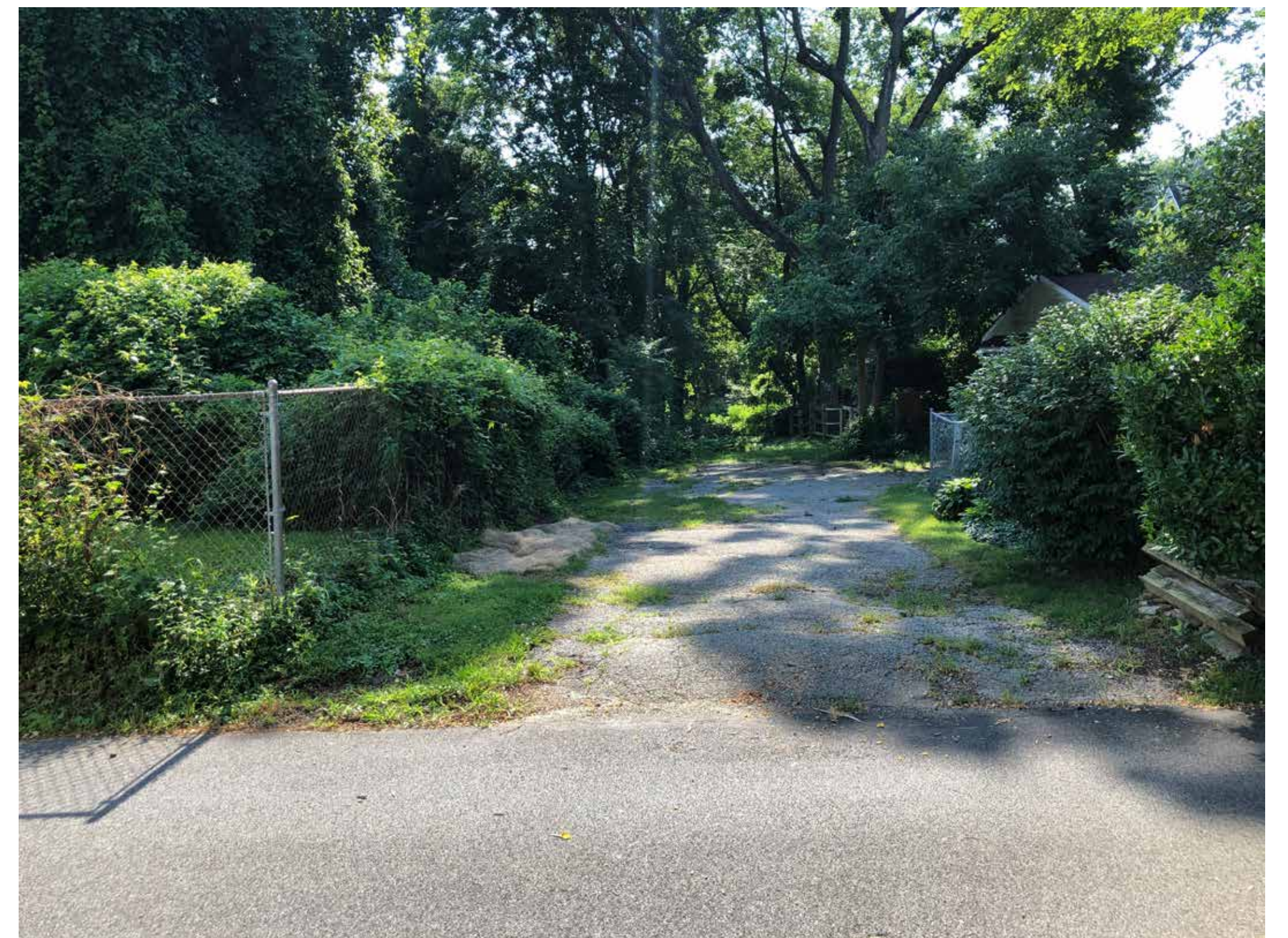


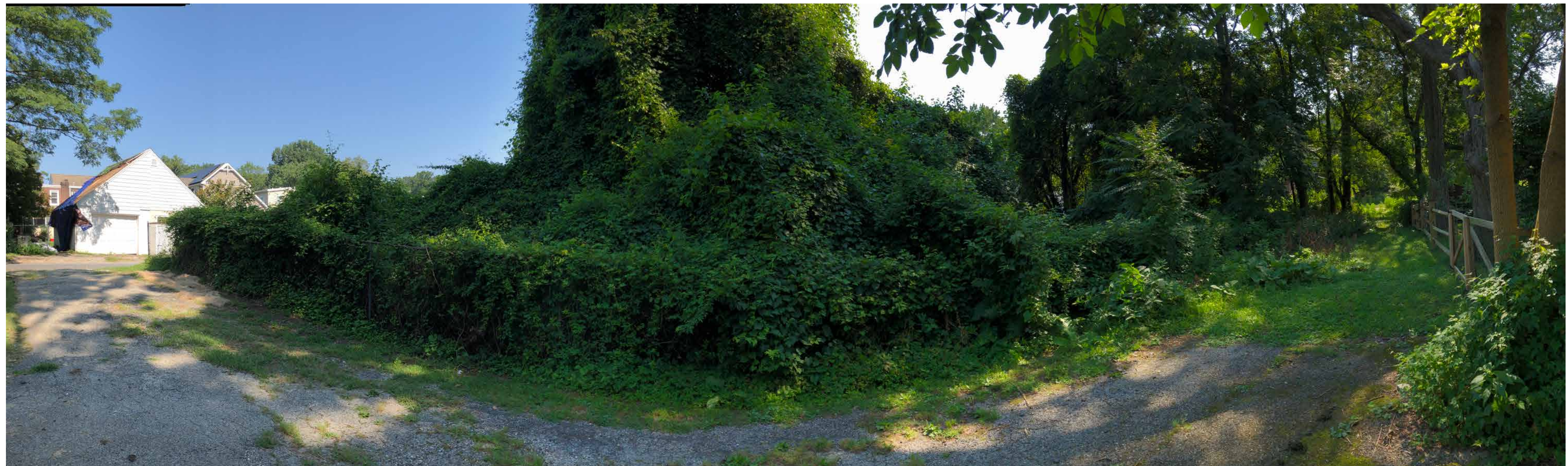
Juncus tenuis
Path Rush

Asclepias incarnata
Swamp Milkweed



Packera aurea
Golden Ragwort

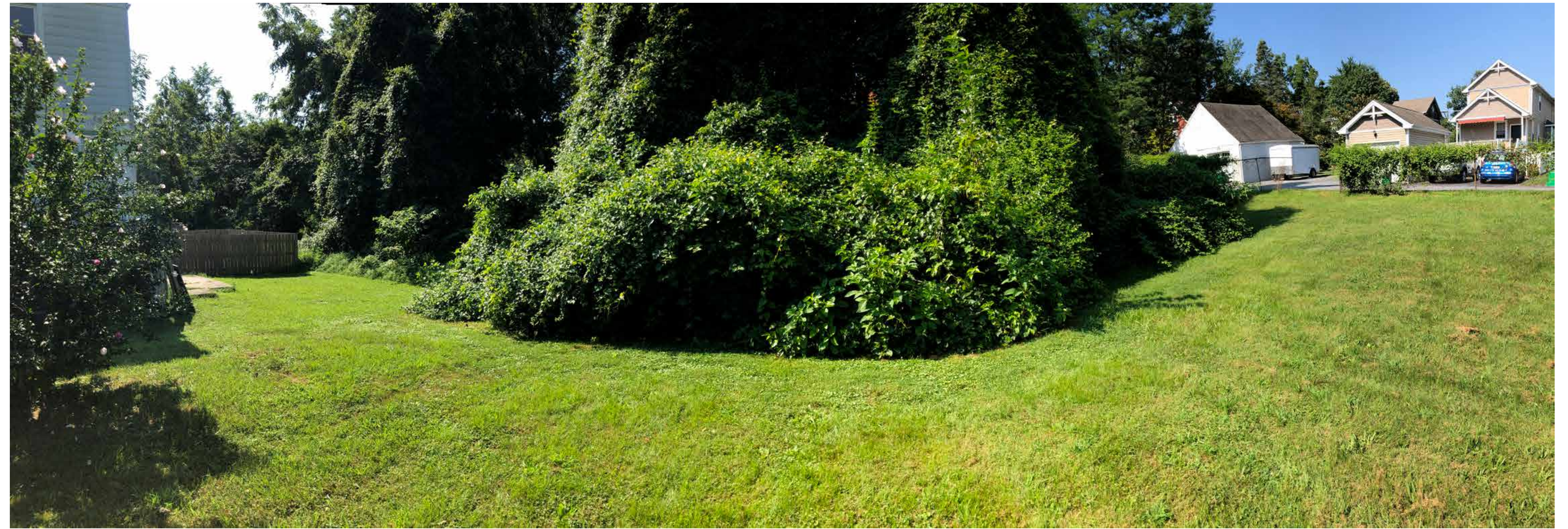




5TH AND BROOMALL POCKET PARK
media, pennsylvania /// september 23, 2019



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