OOMS

Landscape Master Plan

Chatham, New York

Dirtworks
Landscape Architecture
Our internationally recognized design studio is dedicated to exploring the beneficial role nature can play in the built environment. Building on sustainable design strategies, we create environments which restore wellness to individuals and communities, as well as the land itself. We believe that good design can protect and elevate our experiences, while advancing the stewardship of our shared resources.

Creating meaningful landscapes in public environments requires attention to a wide and diverse array of challenges. Broad issues such as climate change, social justice, and overcrowding find specific expression in the sites we shape. The complexity of these systems and the way people use them inspire us to find appropriate and thoughtful solutions that can last.

Dirtworks is currently designing places with a range of relevant qualities, such as accessible campuses, ecological restoration sites, and culturally significant properties. These complex characteristics frequently overlay within a single space, so we base our solutions on an understanding of the importance of integrating green approaches in both urban and rural settings. We recognize that our designs will shape the way a new generation of citizens approach their surroundings, and take this charge seriously.

This focus provides us with a solid foundation to make our projects meaningful to the project’s users, while improving the quality of the surrounding environment as well. These essential threads bind the wellness of individuals to larger-scale social and environmental criteria, and support a sustainable and healthy life at every level.

Britt Zuckerman is a national award winning landscape architect with over a decade of experience. Britt believes in cultivating a deeper connection with nature through thoughtful design. She focuses primarily on ecological, commercial, and high-end residential projects, with extensive experience in New York City and throughout the country. She joined Dirtworks in 2016, bringing a deep proficiency in technical design and construction administration combined with the artistry of hand drawing.

Britt is a Registered Landscape Architect and member of ASLA. She holds a Master’s degree from Columbia University, where she graduated top of her class, and a Bachelor’s degree from NYU’s Gallatin. Britt has lectured at NYBG, ASLA NY, AIA’s New York Chapter as well as the Project for Public Spaces’ International Placemaking Week conference on various topics such as greenroof design, designing for persons with disabilities or stewardship of public spaces.
To provide the community with a place to breathe and connect with nature is what Mrs. Lenore Wolf hoped for when she donated the Wolf Preserve to the Peconic Land Trust in 2003. The preserve's 23 acres today provide that connection to the community. The two nature trails winding through the property were opened to the public in 2006. In the Fall of 2020, the 1/3 mile Eastern Trial Loop was renovated and:

- widened to six feet to accommodate wheelchairs
- leveled to maintain an approximate grade of 0-3%
- expanded to include experiences of scenic vistas and unique habitats
- improved with woven textile fabric to extend the trail's lifespan, and
- stabilized with a natural stone blend to harden the surface.

The design of the Eastern Trail Loop's meandering path is more than just beautiful. It will help prevent washouts during storms. Wind your way through a mature woodland featuring oak and beech trees, with great wetland habitat for both migrating birds and waterfowl.

The 1/2 mile Western Trail Loop takes you through the native grass meadow and into the dense red cedars of the regenerating woodland. While this part of the property had been farmed for many years, Mrs. Wolf allowed it to revert to its natural state to provide wildlife habitat. Wander along the eastern side of the wetlands, and keep your eyes open for waterfowl, reptiles, and amphibians.

The eco-friendly updates used in the Eastern Trail Loop will be used again when the Western Trail Loop is renovated in the coming year. Future trail enhancements include a boardwalk across the wetlands, a bridge to connect the Eastern and Western Trail Loops, and an expanded parking lot.

The Trust's Harold A. Reese Preserve, acquired in 2020, borders the Wolf Preserve to the southeast and expands the conserved area on the Great Hog Neck peninsula by 30 acres. We're hoping to create another trail with accessible features to link the two preserves. This trail would run from Main Bayview Road to North Bayview Road, showcasing several important ecosystems and the native species who live there.

While visiting the Eastern Loop Trail, be sure to look for signs along the way with information about the wildlife and plant habitats found within the preserves. Be a part of this great project and help us improve accessibility on our preserves!

Fundraising to improve the trail system at the Wolf and Reese Preserves is ongoing. To find out more, please visit www.PeconicLandTrust.org/WolfPreserve or call 631.283.3195. Your support makes these trails possible. Thank you!
MASTER PLAN

- **TURTLE OVERLOOK**: Decked overlook for fishing, turtle watching or visual access to the water.
- **MAIN PARKING**: Parking with additional curb cut for larger vehicles.
- **BOG KAYAK LAUNCH**: Kayak launch and viewing platform with rock blocks down to water.
- **ADA LOOP**: Gentle mown path loop.
- **WETLAND OVERLOOK**: Swings on ridge.
- **SWINGS ON RIDGE**: Kayak launch and viewing platform with rock blocks down to water.
- **AMPHITHEATER**: Seating.
- **GAZEBO SHADE STRUCTURE**: Boardwalk over meadow.
- **WOODLAND TRAIL**: STEPS TO WETLAND PATH.
- **GARDEN**: Meadows with bee boxes for honey production & cattle grazing for selective clearing and grazing.
- **MEADOW**: Boardwalk over meadow.
- **BOARDWALK**: Steps to wetland path.
- **MOON CIRCLE**: Net seating for star gazing node for north star.
- **EASTERN LOOP**: Meals with bee boxes for honey production & cattle grazing for selective clearing and grazing.
BOARDWALK

- SERPENTINE BOARDWALK WITH NODES FOR REST
- PLANTED BUFFERS ALONG BOARDWALK
- ROCK BLOCK WATER LEVEL MARKERS
ROCK BLOCK BOARDWALK

- ADA KAYAK LAUNCH
- GRANITE OR CONCRETE ROCK BLOCKS TO ALLOW ACCESS TO WATER
- ROCK BLOCKS CREATE POOLS FOR EXPLORATION AND PLAY
- PLANTED ISLAND WITHIN BOARDWALK FOR EDUCATION AND ACCESS TO AQUATIC PLANTINGS
BOARDWALK OVERLOOK

• ADA KAYAK LAUNCH
• SERPENTINE PATHWAY WITH SEATING
• NODES FOR FISHING
• PLANTED ISLAND WITHIN BOARDWALK FOR EDUCATION AND ACCESS TO AQUATIC PLANTINGS
• EDGING OR RAILING FOR SAFETY CORRESPONDS TO WATER DEPTH
AMPHITHEATER

• **Stone or Grass**
  - Amphitheater supports outdoor education, performances, lectures or lounging

• **Built into the natural grade of the slope**

• **Views of the water**
TRAILS

- Trails with varying stamina levels
- Trail markers with distance
- Mown pathways
- Seating nodes along path for moments of pause

TRAILS FOR VARYING STAMINA

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SENSE OF PLAY

• Natural Log Swings Along the Ridge Line
• Nature Play

A SENSE OF PLAY - RIDGE LINE SWINGS
PICNIC IN THE PINES

• NATURAL LOG AND METAL BENCHES AND PICNIC TABLES

• PURCHASED FROM A VENDOR FOR ECONOMY OF SCALE PRODUCTION

• STURDY AND DURABLE
MOON CIRCLE

- NET HAMMOCK SEATING ALONG RIDGE LINE
- MOMENTS OF PAUSE ON PEBBLE SEATS
- OPPORTUNITIES FOR NIGHTTIME PROGRAMMING
- CELEBRATING NOCTURNAL LANDSCAPES
- STARGAZING
- LOUNGE
WORKING THE LAND

• CATTLE GRAZING TO MAINTAIN THE FIELDS
• PUBLIC/PRIVATE PARTNERSHIPS WITH LOCAL FARMS
• BEE BOXES FOR HONEY PRODUCTION
• POLLINATOR SUPPORTING PLANTINGS
SECTION OF PATHWAY

SUTHERLAND POND  PLANTED BUFFER  BOARDWALK  ADJACENT PATH  MEADOW
addenda
ECOLOGICAL ZONES
WOODLAND & SECOND GROWTH FOREST

- WILD TURKEY
- BLUE GREAT HORNED OWL
- RED GREAT HORNED OWL
- RACCOON
- CHIPPED SPARROW

FRESHWATER WETLAND

- WIGGLE TAIL DRAGONFLY
- RED EARED SLIDER TURTLE
- PERCH
- MONARCH BUTTERFLY
- COMMON FOX

MEADOW

- BLUE HERON
- MEADOWLARK
- SNAPPING TURTLE
- AMERICAN TOAD
- COMMON TURTLE

BIOLOGICAL ACTIVITY

- WOODLAND & SECOND GROWTH FOREST
- FRESHWATER WETLAND
- MEADOW

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Dirtworks Landscape Architecture, PLLC
FRESHWATER WETLAND

MEADOW EDGE TRANSITION ZONE

MEADOW

DECIDUOUS FOREST EDGE CONDITION

SECOND GROWTH FOREST

BASE ELEVATION: 766’

APEX ELEVATION: 816’

ERTICAL CHANGE: 50’

13.2% SLOPE

HORIZONTAL DISTANCE: 378’

ADA RECOMMENDED SLOPE 1:12 - 1:20

NYS PARKS: 0-5%, MAX. 15%

ELEVATION AND SLOPES
OBSERVED PLANT SPECIES

- Black Oak: Quercus rubra
- Black Alder: Alnus glutinosa
- Hazel Alder: Alnus serrulata
- Red Maple: Acer rubrum
- Silver Maple: Acer saccharinum
- Paradise Apple: Malus pumila
- Tatarian Honeysuckle: Lonicera tatarica
- Grass-like Starwort: Stellaria graminea
- White Ash: Fraxinus americana
- Meadow Buttercup: Ranunculus acris
- Swamp Rose: Rosa palustris
- Pickerelweed: Pontederia cordata
- Sensitive Fern: Onoclea sensibilis
- White Pine: Pinus strobus
- Bird's Foot Trefoil: Lotus corniculatus
- Quaking Aspen: Populus tremuloides
- Red Currant: Ribes fruticosum
- Chokeberry: Amsinckia longifolia
OBSERVED PLANT SPECIES: FORBS AND GRASSES

Sweet Vernal Grass
*(Anthoxanthum odoratum)*

Timothy
*(Phleum pratense)*

Common Milkweed
*(Asclepias syriaca)*

Reed Canary Grass
*(Phalaris arundinacea)*

Sedge
*(Carex sylvatica)*

Bird’s Foot Trefoil
*(Lotus corniculatus)*
OBSERVED PLANT SPECIES: FORBS AND GRASSES

Cow Vetch
\((Vicia cracca)\)

Meadow Buttercup
\((Ranunculus acris)\)

Grass-like Starwort
\((Stellaria graminea)\)

Foxglove Beardtongue
\((Penstemon digitalis)\)

American Bur-reed
\((Sparganium americanum)\)

Spotted Joe-pyweed
\((Eutrochium maculatum)\)
OBSERVED PLANT SPECIES: TREES AND SHRUBS

Silver Birch  
(*Betula pendula*)

Red Oak  
(*Quercus rubra*)

Red Maple  
(*Acer rubrum*)

White Pine  
(*Pinus strobus*)

White Ash  
(*Fraxinus americana*)

Black Alder  
(*Alnus glutinosa*)
OBSERVED PLANT SPECIES: TREES AND SHRUBS

American Elm  
(Ulmus americana)

Paradise Apple  
(Malus pumila)

Quaking Aspen  
(Populous tremuloides)

Silky Dogwood  
(Cornus amomum)

Staghorn Sumac  
(Rhus typhina)

Hazel Alder  
(Alnus serrulata)
OBSERVED PLANT SPECIES: TREES AND SHRUBS

- Sensitive Fern (*Onoclea sensibilis*)
- Tatarian Honeysuckle (*Lonicera tatarica*)
- Morrow’s Honeysuckle (*Lonicera morrowii*)
- Bebb’s Willow (*Salix bebbiana*)
- Swamp Rose (*Rosa palustris*)
- Pickerelweed (*Pontederia cordata*)