CLIMATE ACTION: Building Resilient Communities

CTASLA March 14th 2024

Special Thanks O&G Industries.

Biden-Harris Administration Releases National Climate Resilience Framework

- $50 billion on climate resilience “to be implemented in a way that is people-, justice- and equity-centered,”
- The Bipartisan Infrastructure Law and Inflation Reduction Act are providing funding to help communities become more resilient to extreme weather events

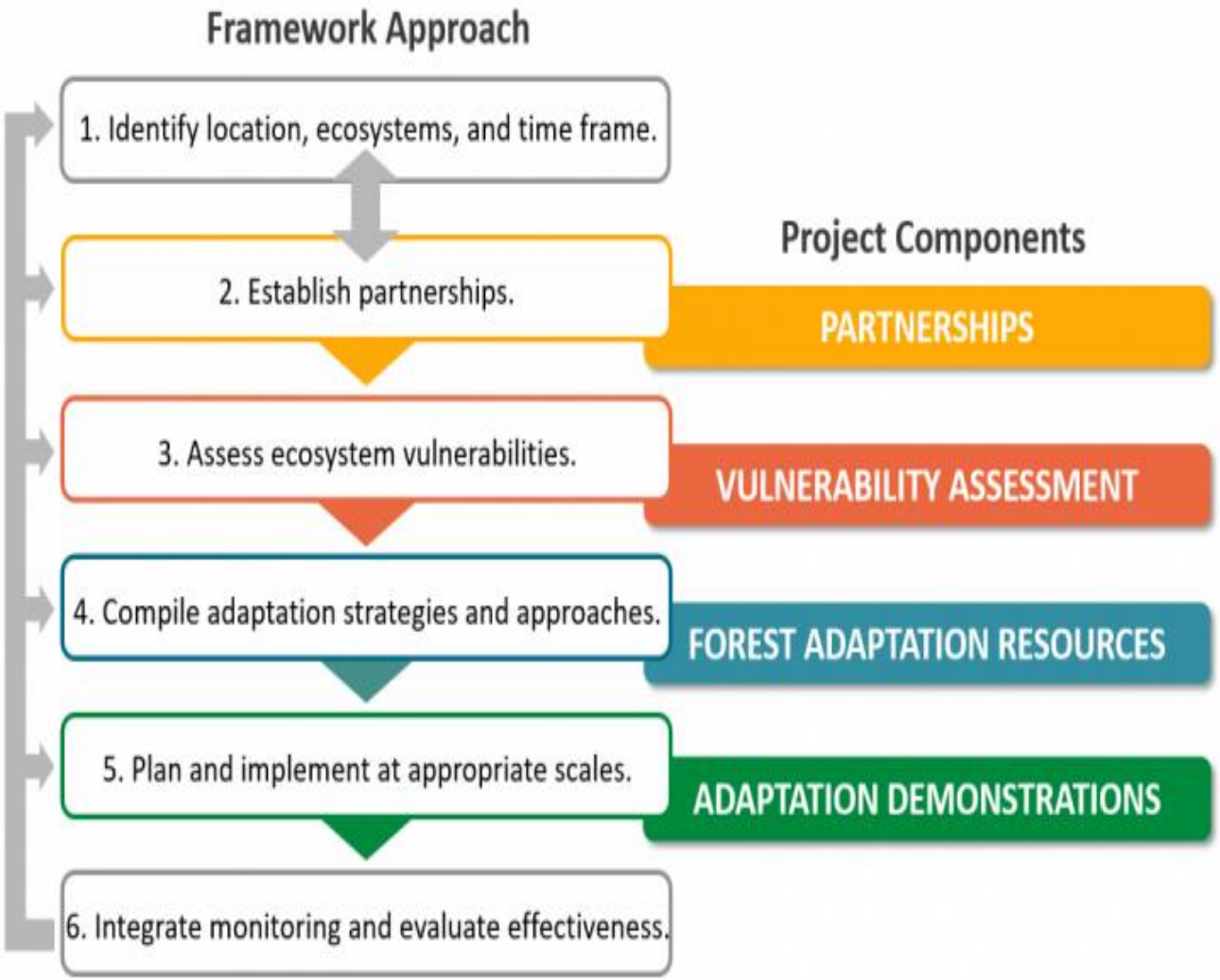
- **Landscape Architecture is a STEM Discipline**

National Climate Resilience Framework

SEPTEMBER 2023

THE WHITE HOUSE
WASHINGTON

Harnessing the Power of Nature

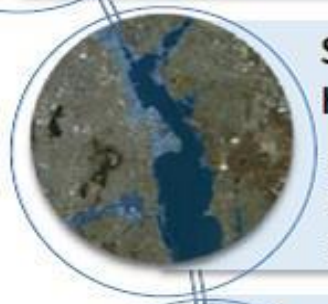


America the Beautiful

Spotlighting the work to restore, connect and conserve 30 percent of lands and waters by 2030

Step 1: Organize

1.1 Establish the assessment team
1.2 Define the community of interest
1.3 Set objectives for the assessment

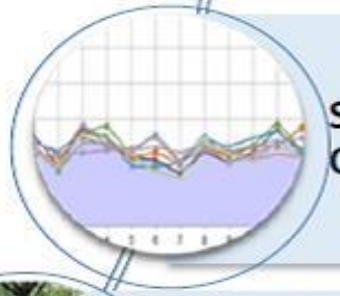


Step 2: Evaluate Projected Climate Change Impacts and Hazards

2.1 Select climate change scenarios
2.2 Assess hazards
2.3 Select a method for spatial analysis

Step 3: Identify Community Assets and Their Vulnerability

3.1 Develop an assessment methodology
3.2 Identify community assets at risk
3.3 Define and apply a local vulnerability scale
3.4 Assess potential positive and negative impacts on economic activity



Step 4: Analyze Overall Economic Implications for the Community

Step 5: Explore Options to Enhance Resilience and Pursue Opportunities

5.1 Raise public awareness and garner support
5.2 Identify actions to enhance economic resilience and pursue opportunities

https://toolkit.climate.gov/

https://www.hsdl.org/c/national-climate-resilience-framework/

https://www.fema.gov/emergency-managers/risk-management/climate-resilience

https://circa.uconn.edu/

https://crcommunities.org/

ASLA Climate Action Report, Product Lifecycle Analysis

Presenter: ***Amy Syverson-Shaffer,*** *ASLA Climate Action Committee, Landscape Forms Sustainability Team*

Carbon Footprint and Cement Reduction Efforts in the Concrete Paver Industry

Presenter: ***Mike Zengen,*** *Unilock*

15 Min. Morning Break Exhibitor viewings

Exhibitors include: Alliance | Ardex | Boral | Earthcore | Elegance Porcelain | Evergreen Environments | Getty Granite | Illuminate | Instone | Keystone | Mirage Porcelain | Nicolock | Polylok | Quikrete | Realstone | Royal Perla | Silpro | Techo Bloc | Unilock | Urban Mining

Innovations in the Concrete Supply Industry

Presenter: ***Louis Grasso,*** *LEED AP, Pozzotive Urban Mining*

https://www.dropbox.com/scl/fi/phc2wbflpt4gr9p3zjqb3/Ground-Glass-Pozzolan-for-Sustainable-Concrete-ASLA-03.14.2024.pptx?rlkey=mybrf7wwcaf20n41067hyz19f&dl=0

Transformation of a contaminated soil site to a community park. Local shareholders, community involvement, recycled /sustainable material selection. Process through construction completion.

Presenter: ***Louis Fusco, LFLA Landscape Architects.***

POUND RIDGE

COMMUNITY GREEN

ORIGINAL AUTO SERVICE STATION – 2020
CONTAMINATED SOILS AND NON-POTABLE WELL WATER

Potential Solutions

1) Mini-Mart and Gas Station “chain”

Inconsistent with character of town, currently competing gas station located opposite end of small village with population under 5,000

2) Relocation of Town Public Library

Existing library currently awarded funds for major renovations, and concern with traffic and parking in the center of the village

3) New commercial shops

Currently a number of existing properties struggle with vacancy)

4) New Office Building

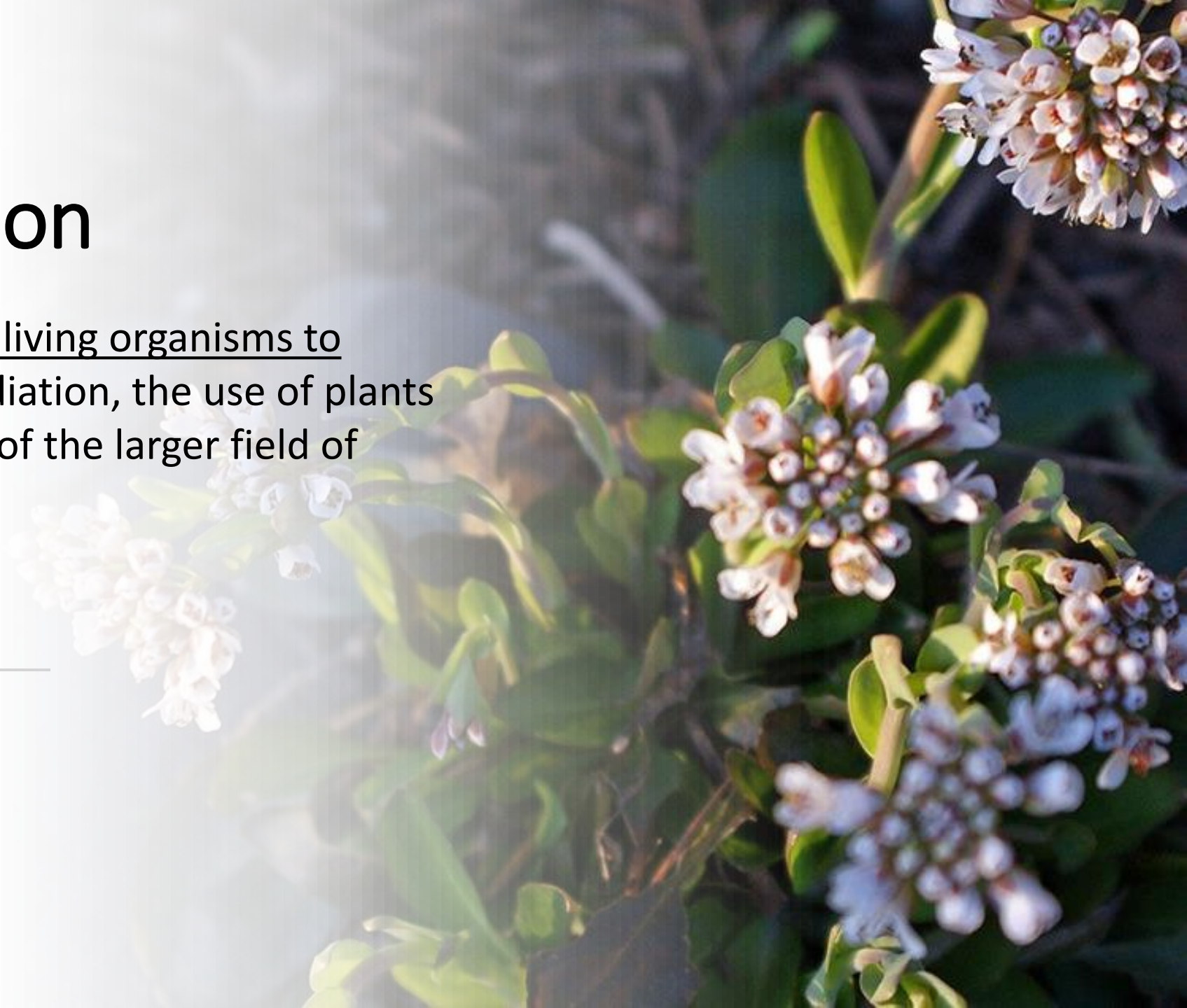
Town has experimented with minimal interest

5) Town Green

Competition with current town park and general open space characteristics of the community

Phytoremediation

Bioremediation is <u>any use of living organisms to degrade wastes</u>. Phytoremediation, the use of plants for these purposes, is a part of the larger field of bioremediation.



Design Process

Concept Design

Design Development

Community Involvement & Local Interests

(Design Phase)

- Independent Local Benefactor
  Community Green, Passive Recreation
- The Pound Ridge Partnership
  Performance Stage, Handicap Accessible
- Friends of Pound Ridge
  Movie Night, Outdoor Event Space
- Town Economic Committee
  Support Local Businesses

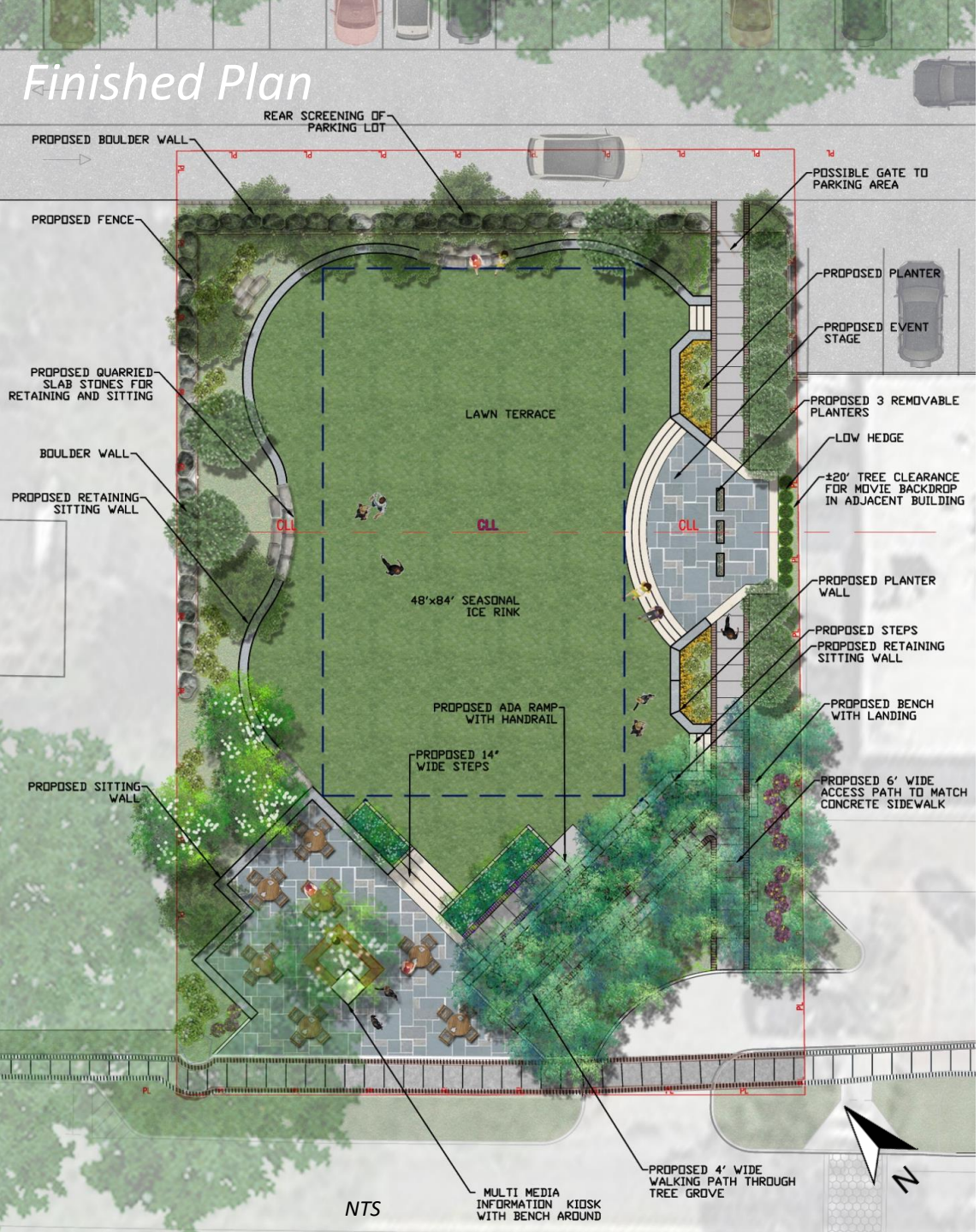
(Approval Phase)

- Pound Ridge Town Board
  Long Term Maintenance Agreements
- Pound Ridge Business Association
  Increase Pedestrian Traffic
- Planning Board
  Safety and Dark Sky Friendly Lighting

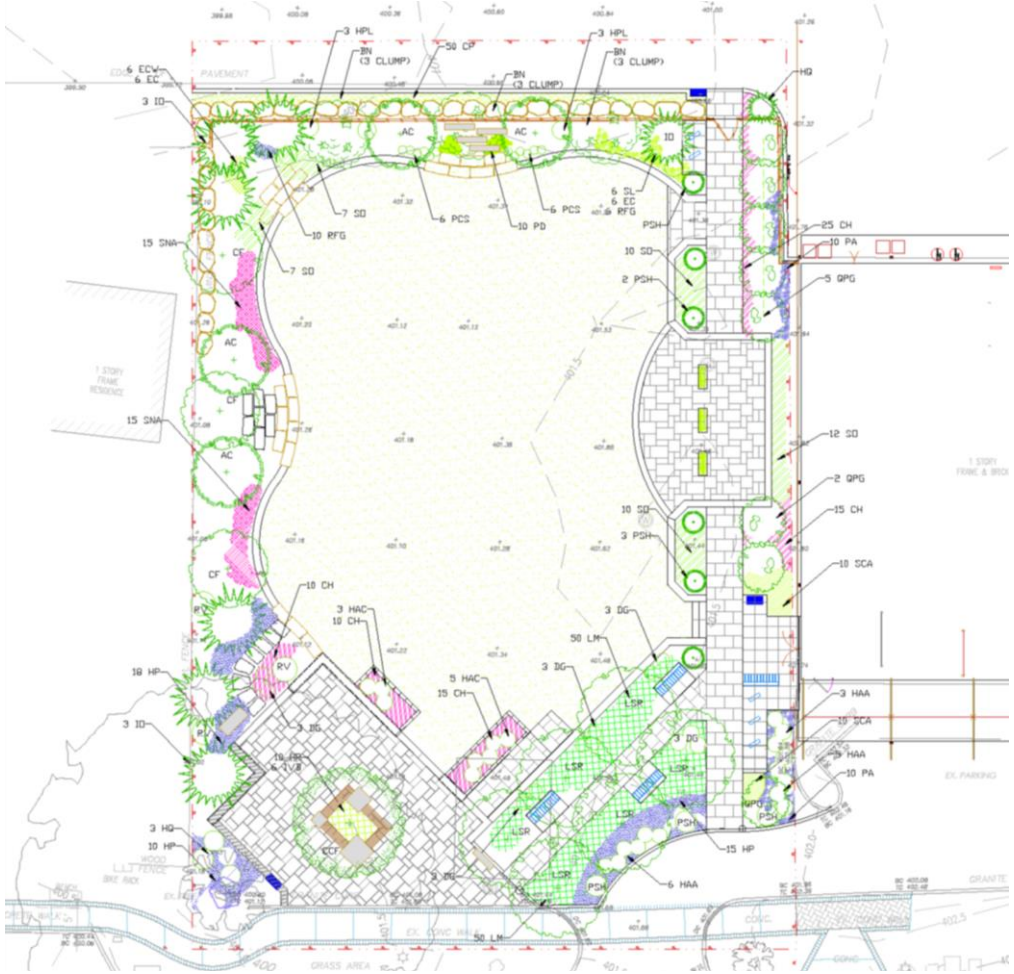
(Installation Phase)

- The Pound Ridge Partnership
  Furniture and Amenities
- Community Outreach
  Volunteer Donations
- Friends of Pound Ridge
  Additional Financial Support

Finished Plan



2022-06-24 PLANT LIST				
Symbol	Latin Name	Common Name	Quantity	Size
TREES				
AC	*Abies Concolor*	White fir	4	B & B 8-10'
BN	*Betula nigra 'Heritage'*	River Birch (3 Clump)	3	B & B 12-14'
CCF	*Cercis canadensis® Forest Pansy®*	Purple Leaf Redbud	1	B & B 2 - 2-1/2" cal.
CF	*Cornus florida*	White Flowering Dogwood	4	B & B 3" cal.
IO	*Ilex opaca*	American Holly	7	B & B 8-9'
LSR	*Liquidambar styraciflua 'Rotundiloba'*	Fruitless Sweetgum	6	B & B 3-4" cal.
QPG	*Quercus palustris 'Pringreen'*	Fastigiata Pin Oak	8	B & B 10-12'
SHRUBS				
DG	*Deutzia gracilis 'Nikko'*	Dwarf Deutzia	15	3 gal.
HAA	*Hydrangea arborescens 'Annabelle'*	Annabelle Hydrangea	14	7 gal.
HAC	*Hydrangea arborescens 'Incredibell'*	Incredibell Hydrangea	7	7 gal.
HQ	*Hydrangea quercifolia 'Ruby Slippers'*	Oakleaf Hydrangea	10	5 gal.
HPL	*Hydrangea paniculata 'Limelight'*	Limelight Hydrangea	6	7 gal.
PSH	*Pinus strobus 'Horsford'*	Dwarf Eastern white pine	9	B & B 36"
RV	*Rhododendron viscosum*	Swamp Azalea (Pink and White)	3	5 gal.
SL	*Spiraea japonica 'Little Princess'*	Little Princess Spirea	6	3 gal.
PERENNIALS				
CH	*Carex hobb*	Hobb Sedge	80	2 gal.
CP	*Carex pensylvanica*	Pennsylvania Sedge	50	2 gal.
EC	*Echinacea purpurea*	Purple Coneflower	12	2 gal.
ECW	*Echinacea purpurea 'White Swan'*	White Coneflower	6	2 gal.
HP	*Helleborus purpurascens 'Walds.t.& Kit.'*	Helleborus	53	2 gal.
IVB	*Iris virginica*	Blue Flag Iris	6	2 gal.
LM	*Liriope muscari 'Majestic'*	Lilyturf	100	1 gal.
PA	*Polystichum acrostichoides*	Christmas Fern	35	2 gal.
PCS	*Phlox stolonifera*	Creeping Phlox	12	2 gal.
PD	*Pennisetum divaricata'Blue Moon'*	Blue Moon Woodland Phlox	10	2 gal.
RFG	*Rudbeckia fulgida 'Goldstrum'*	Black Eyed Susan	16	2 gal.
SCA	*Eurybia divaricata*	White Wood Aster	20	2 gal.
SNA	*Symphyotrichum novae-angliae*	New England Aster	30	2 gal.
SO	*Schizachyrium scoparium 'Standing Ovation'*	Bluestem Grass	66	1 gal.



SPEED
LIMIT
30

Service Center
"LOVE IT WHILE IT'S HERE"
TEMPORARY WORK OF ART BY
VANESSA H. SMITH
@VANESSASMITHARTISTNEWYORK
@CBARTGALLERY
INTERSTATE BATTERIES
POWER FAST. BUILT TO LAST.
Oil Change
SHOCK

Thank you
Thank you

RIP

AGS
CAT
316F

ENJOY
POUND
RIDGE
NATIONAL
RENT-A-FENCE
NATIONAL

mobile mini
CAT

BEFORE

CAT

AFTER

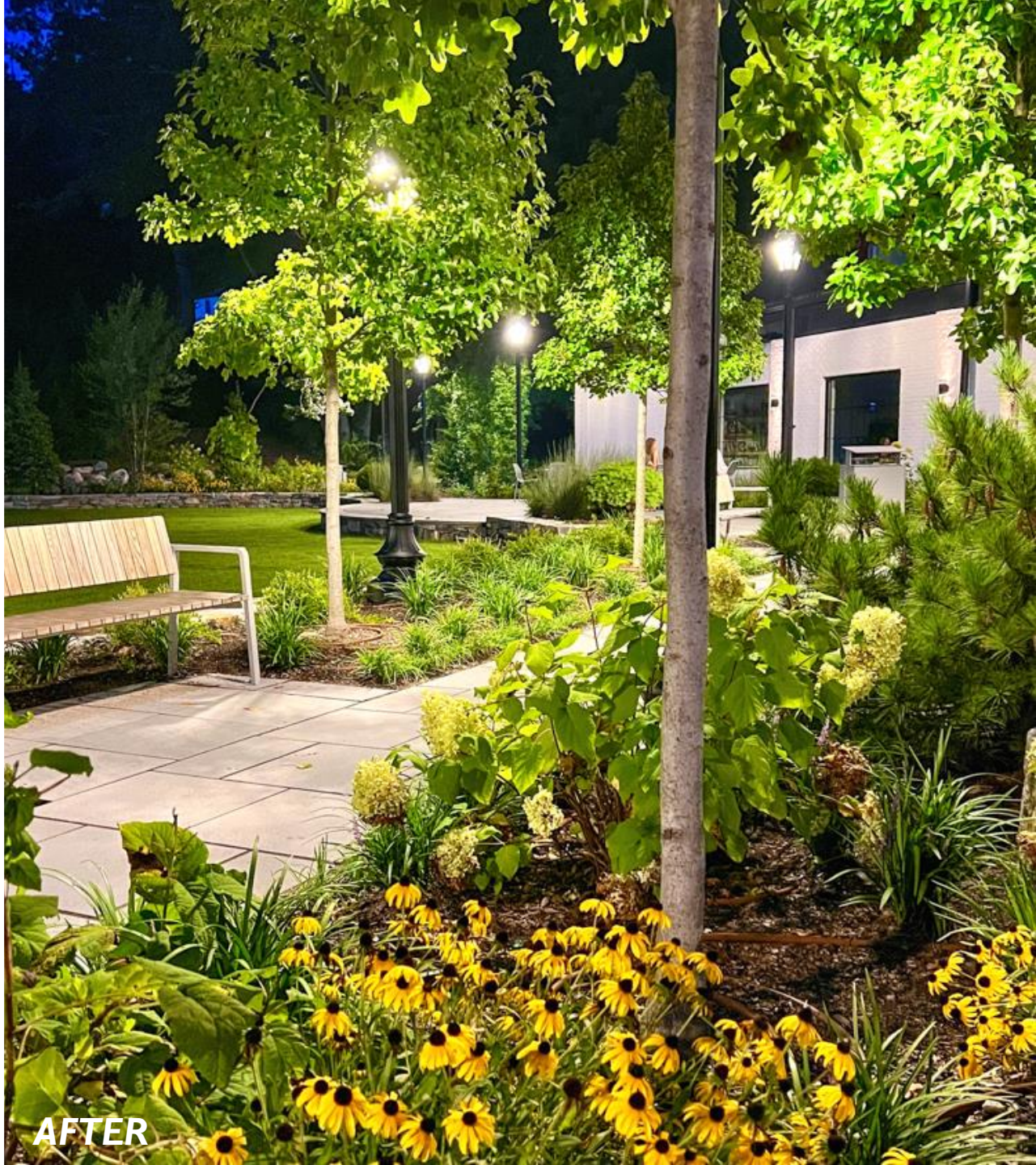
BREADS
BAKES

POUND RIDGE
PARTNERSHIP

EADS
N
AKES

X-ING

BEFORE


AFTER

TAKE OUT

BREADS
BAKES

Exhibitors include: Alliance | Ardex | Boral | Earthcore | Elegance Porcelain | Evergreen Environments | Getty Granite | Illuminate | Instone | Keystone | Mirage Porcelain | Nicolock | Polylok | Quikrete | Realstone | Royal Perla | Silpro | Techo Bloc | Unilock | Urban Mining

Lunch Break

& Exhibitor Demonstrations

Afternoon session will commence at 1:30p.m.

Historic New England's sustainable approach to landscape preservation. As well as a Case study of The Haverhill Center: Planning a Cultural District in the Queen Slipper City

Presenter: Carissa Demore, Historic New England Team Leader of Preservation Services

Case study project presentations, highlighting tidal restoration sites, community impact

Presenter: Bill Kenny – William Kenny associates. Landscape Architect and environmental specialist.

Overview of the latest polymeric sands, joint, sealant and adhesive materials specialized for permeable applications.

Presenter: Chris Morrisey – Alliance,

ASLA
CONNECTICUT

Thank you for attending & Please pick up you certificates of completion as you exit.

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