Living Shoreline Concepts
East Shore Park
New Haven

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City Engineer
East Shore Park ~ 3,200' of Shoreline
East Shore Park

- 64 Acres
- Over 600,000 visitors per year
- Active uses: baseball, softball, soccer, tennis, basketball
- Passive uses: walking path, playground, hay meadow
Present Challenges

- Poor drainage in parts of the Park
- Susceptibility of infrastructure to storm events
- Coastal Erosion
- Poor access to the water
- Invasive plant species
Site: East Shore Park, New Haven, CT

Photo No. 3

Photographer: L. Schwanof

Direction: South

Date: ...

through Phragmites australus dominated eroded escarpment.

GEI Consultants, Inc.

ATTACHMENT A - PHOTOGRAPHIC RECORD
Maybe... Sort of... Living Shoreline? (aka what doesn’t work)
Two Concepts for Today
The Nature Conservancy
+ Yale Urban Ecology and Design Lab (Felson)
Northern portion of Park

Save the Sound + GEI
Southern portion of park

Save the Sound + GEI
Removal of invasive plants, reshape foredune face.
Placement of clean well-graded sand & beachgrass plantings.

Restores viewshed.

Sand fence helps trap shifting sands & build dune.
Allows for marsh migration with climate change.

Intertidal marsh.

Save the Sound + GEI
Save the Sound + GEI

- Remove stone rubble & existing non-native vegetation on slope.
- Re-grade & establish maritime shrubs, grassland & salt marsh.
- Remove stone to create protective sill.
- Create protective salt marsh zone.
REMOVE NON-NATIVE VEGETATION, REPLACE WITH MARITIME GRASSES & SHRUBS
FORMALIZED OVERLOOK WITH ADA RAMP & CONTROLLED ACCESS TO THE BEACHFRONT FOR MARINE LABORATORY
Next Steps

• Combine best ideas
• Budgeting and value engineering
• Secure funding
• Permit
• Build!
Thank You!

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