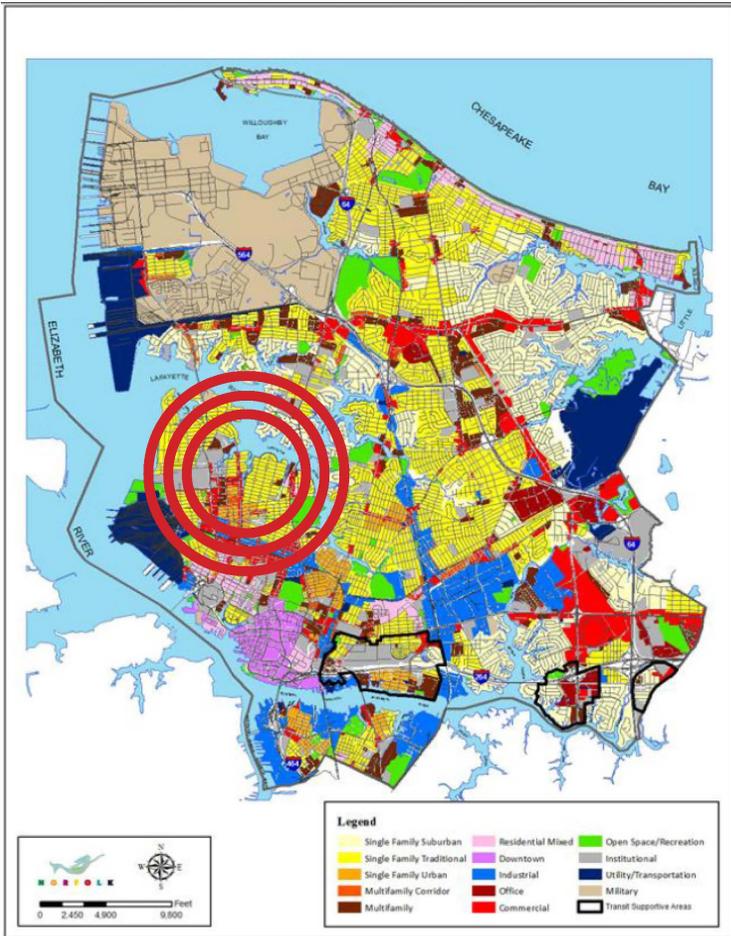




“To restore the Elizabeth River to the highest practical level of environmental quality through government, business and community partnerships.”

ERP Headquarters Design Principles

1. More than a Building - The new HQ building needs to lead by example for regional sustainability and resiliency
2. Educate, Inspire, and Reduce Pollution - be a teaching tool that shows people how they can do it at home
3. Engage the Community - ERP's core mission is to connect people with the river and to demonstrate to others how to protect the river
4. Environmental Responsibility, Resiliency, and Sustainability



Elizabeth River Project

City of Norfolk Vision 2100

The City of Norfolk Vision 2100 plan captures the inherent social value of the Colley Avenue commercial district. This zone is described as being part of the cultural identity of Norfolk, and a place to be preserved in the face of rising flood waters



...Norfolk's residents understand the challenge and are proactively taking the lead

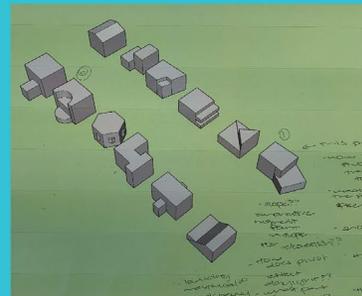
Norfolk Resiliency Quotient

- A. Reduce risks from flooding
- B. Conserve Energy
- C. Promote the use of alternative energy
- D. Conserve water resources
- E. Protect water quality
- F. Manage stormwater
- G. Support walkable, mixed-use development
- H. Support multiple modes of mobility
- I. Promote a healthy landscape
- J. Support urban agriculture
- K. Promote healthy and safe lifestyles

4610 Colley Ave, Norfolk



Elizabeth River Project
Charette Day 1





Elizabeth River Project
Conceptual Site Plan

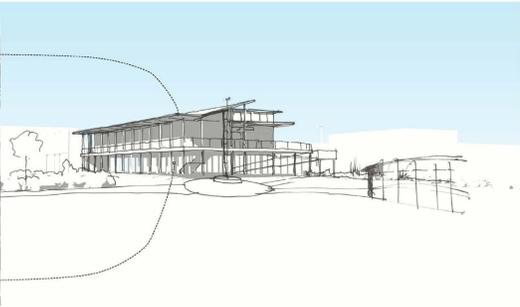
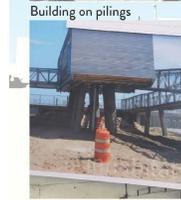


Elizabeth River Project
Building Precedent



Elizabeth River Project
Building Massing

Tilted roof for rainwater collection + solar array



Elizabeth River Project
Building Massing



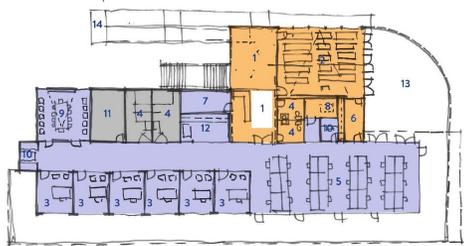
Movable Shades + Overhang



Elizabeth River Project
Building Massing

Elizabeth River Project
Floor Plans

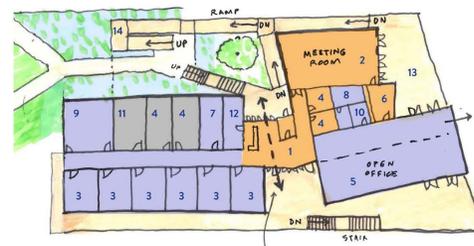
- 1. Lobby
- 2. River Room
- 3. Private Office
- 4. Toilets
- 5. Open Office
- 6. Kitchen
- 7. Storage
- 8. Server
- 9. Meeting Room
- 10. Breakout
- 11. Mechanical
- 12. Copy/Mail Room
- 13. Outdoor Deck
- 14. Ramp



Net Square Foot (proposed): 4,400 sf
Gross Square Foot Target (@ 25% core factor): 5,700 sf

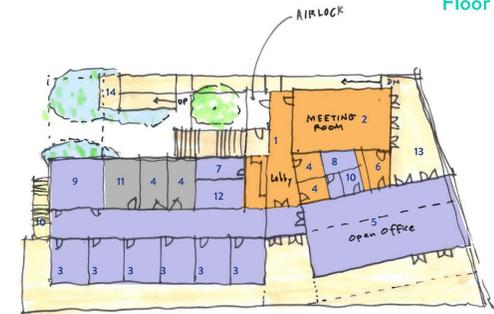
Elizabeth River Project
Floor Plans

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Elizabeth River Project
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New Resilience Lab

Colley Ave.

47th st. rain garden

Demonstration sheds

Restored wetlands

Observation deck

Living shoreline

Floating dock and kayak launch



Rain garden plaza

Solar array

Permeable paving throughout

Green screen along south facade

Green roof

Rain barrels

Public art installation



Public access to park

Floating platform at entry

Large north-facing windows

Parking under building



Colley Ave.



Outdoor Classrooms + rain cistern



Learning Park



Living Shoreline



Demonstration Sheds (amphibious vs. wet flood-proofed)

