

Elliott Bay  Seawall
Project

*Seawall Stakeholder Subgroup Meeting #3
September 28, 2010*

Housekeeping

Seawall Walking Tour



Developing Alternatives

Elliott Bay Seawall Planning and Conceptual Design Process

July	August	September	October	November	November - April
Identify waterfront zones; present preliminary goals and objectives	Identify opportunities in each waterfront zone	Present preliminary zone area designs	Present conceptual plans and preliminary analysis	Refine alternatives and conduct more detailed analysis	Review alternatives with Central Waterfront Project

★ April - Define preferred alternative

Zone Area Designs

six design zones



six design zones

foundation

- contours and elevations
- locations and alignments
- hydrology
- habitats
- cultural resources
- navigational requirements
- property /ownership
- construction activities
- access requirements
- environmental challenges
- and...

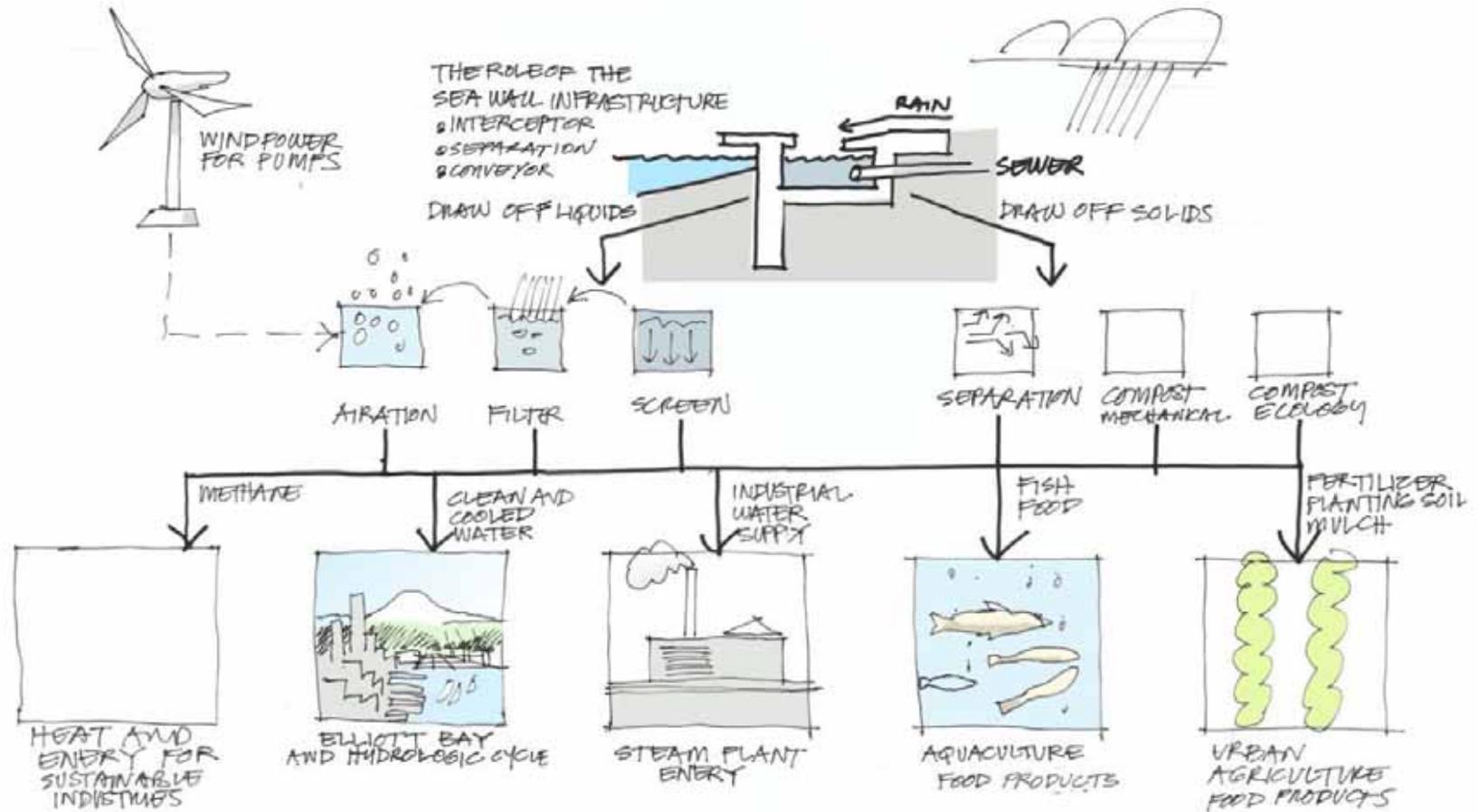


six design zones

opportunities

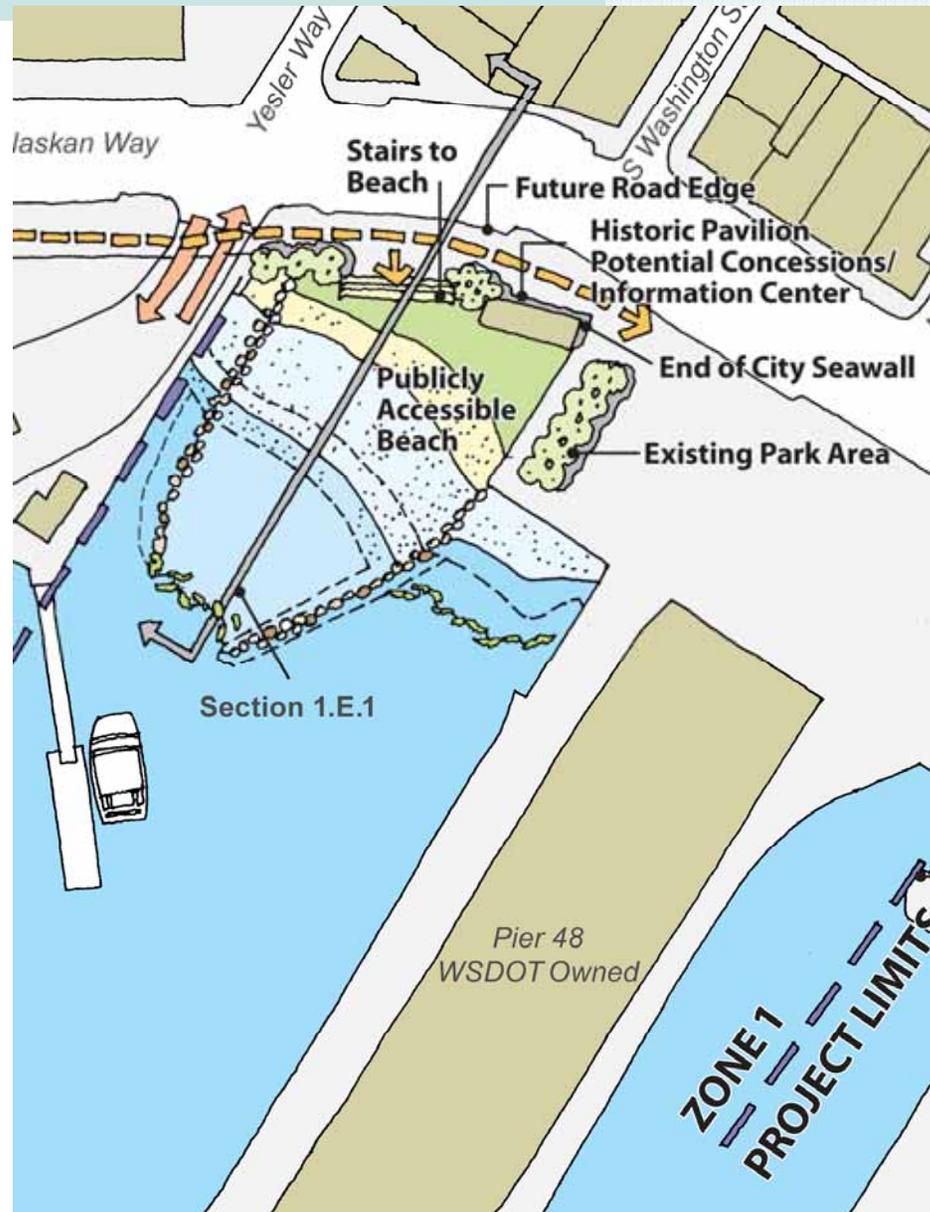
- contour and elevation modification
- locational and alignment improvements and enhancements
- hydrologic cycle reconstitution
- habitat restoration and creation
- cultural resource protection and education
- navigational operation
- sustenance and improvement of properties and businesses
- construction as theater and economic stimulus
- access improvements
- sustainable interventions
- and...

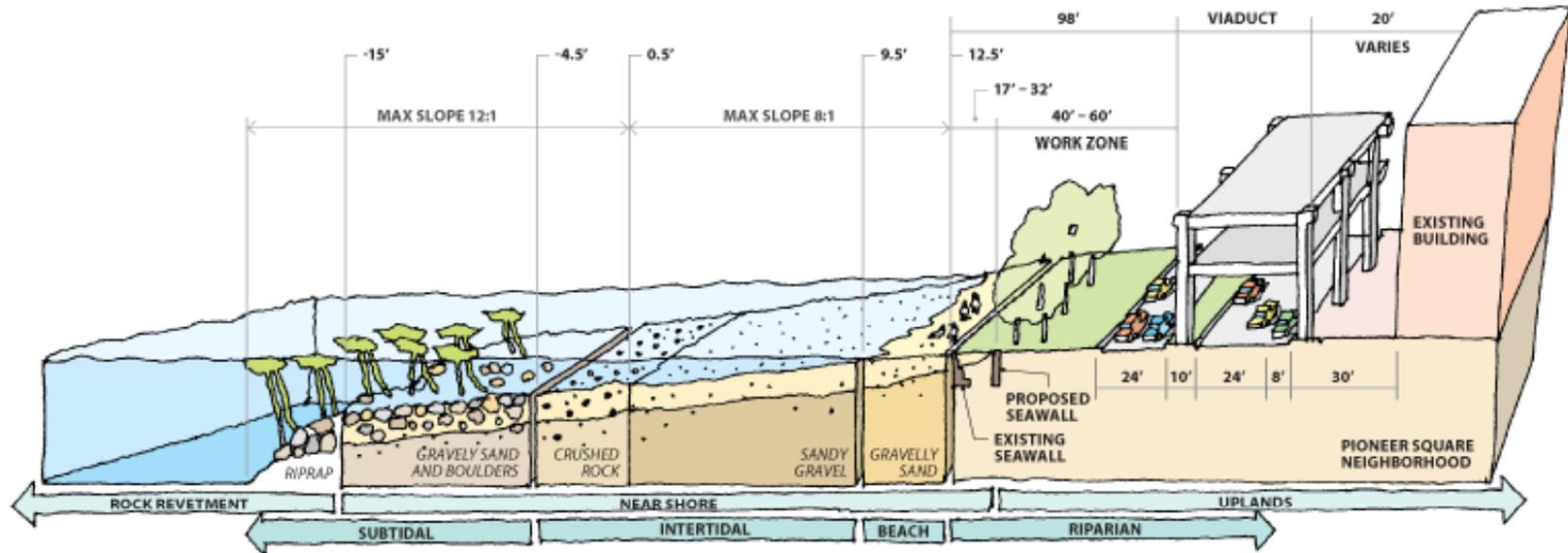




for example

one approach for zone one

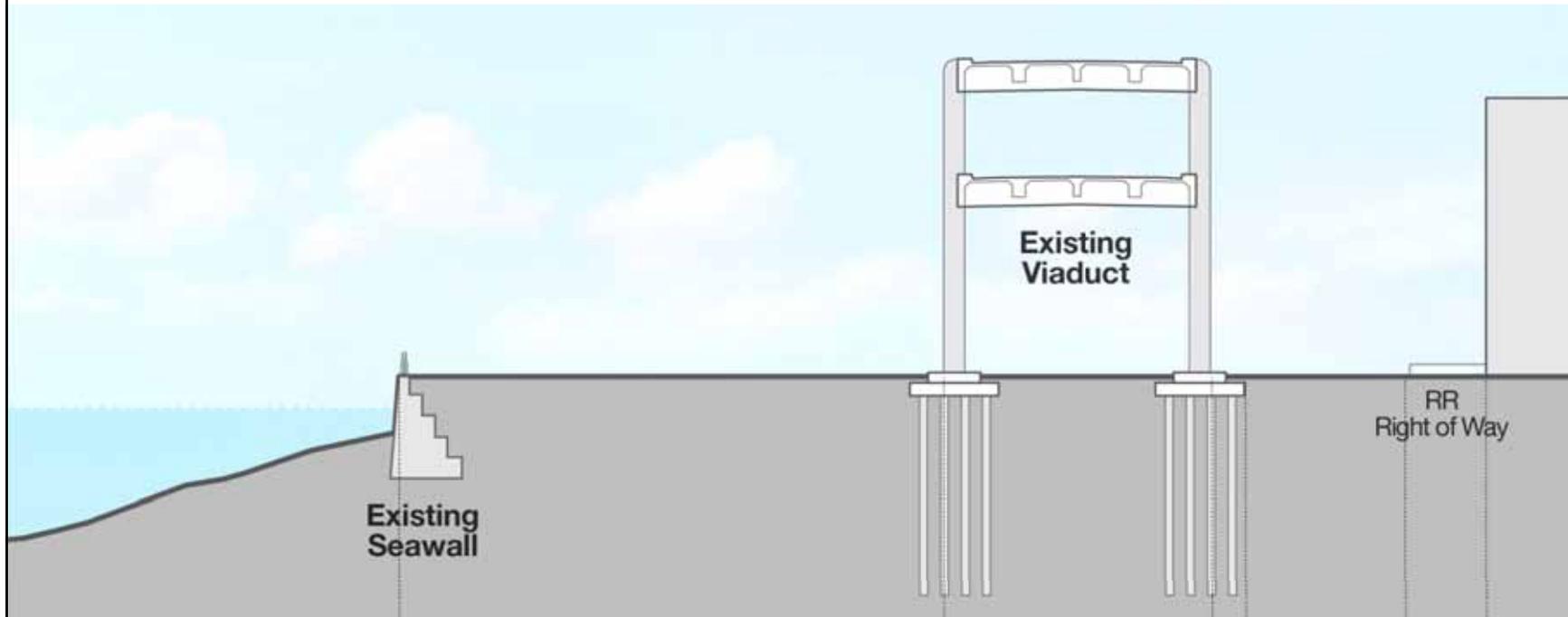




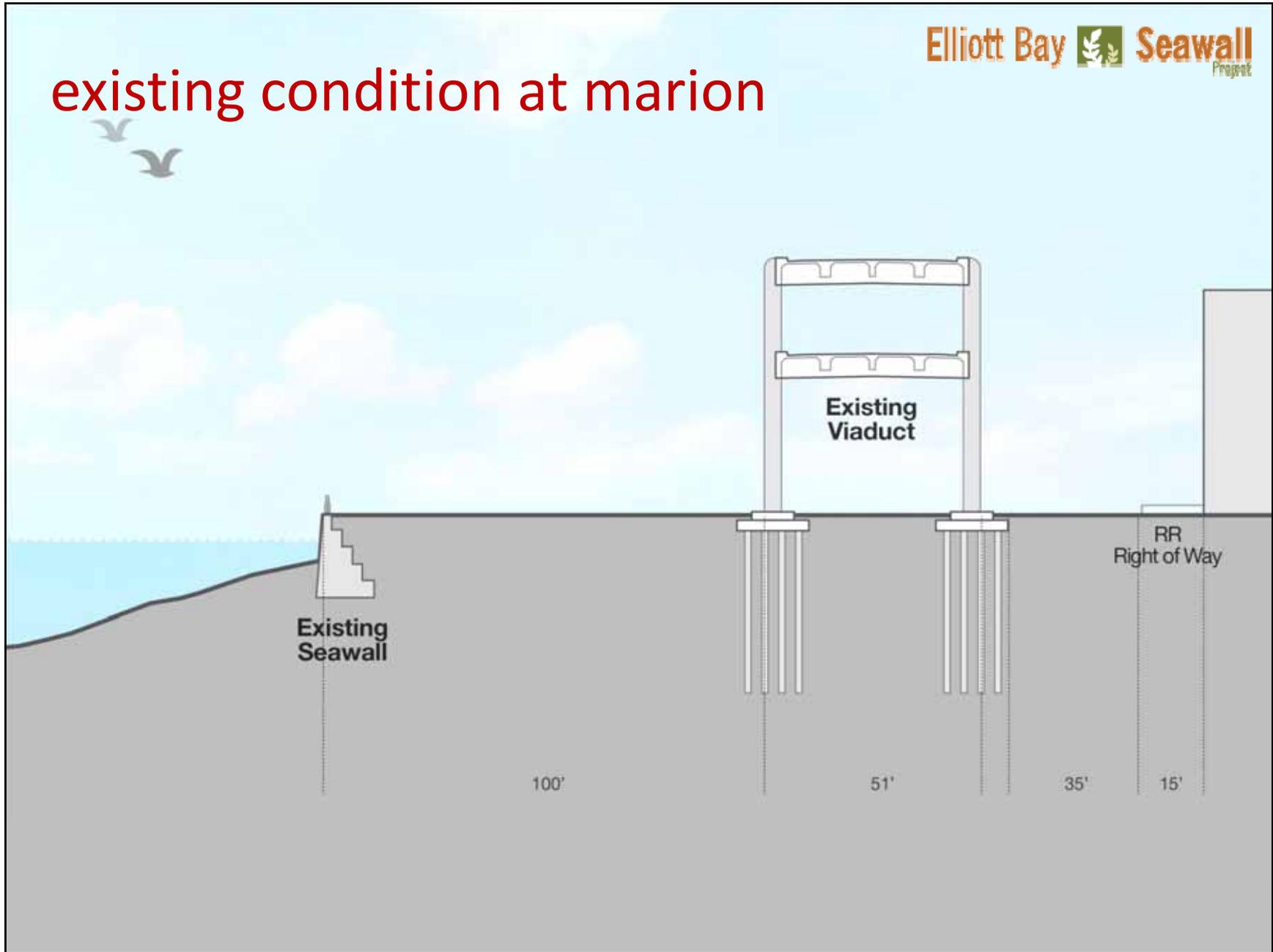
SECTION 1.E.1

for example

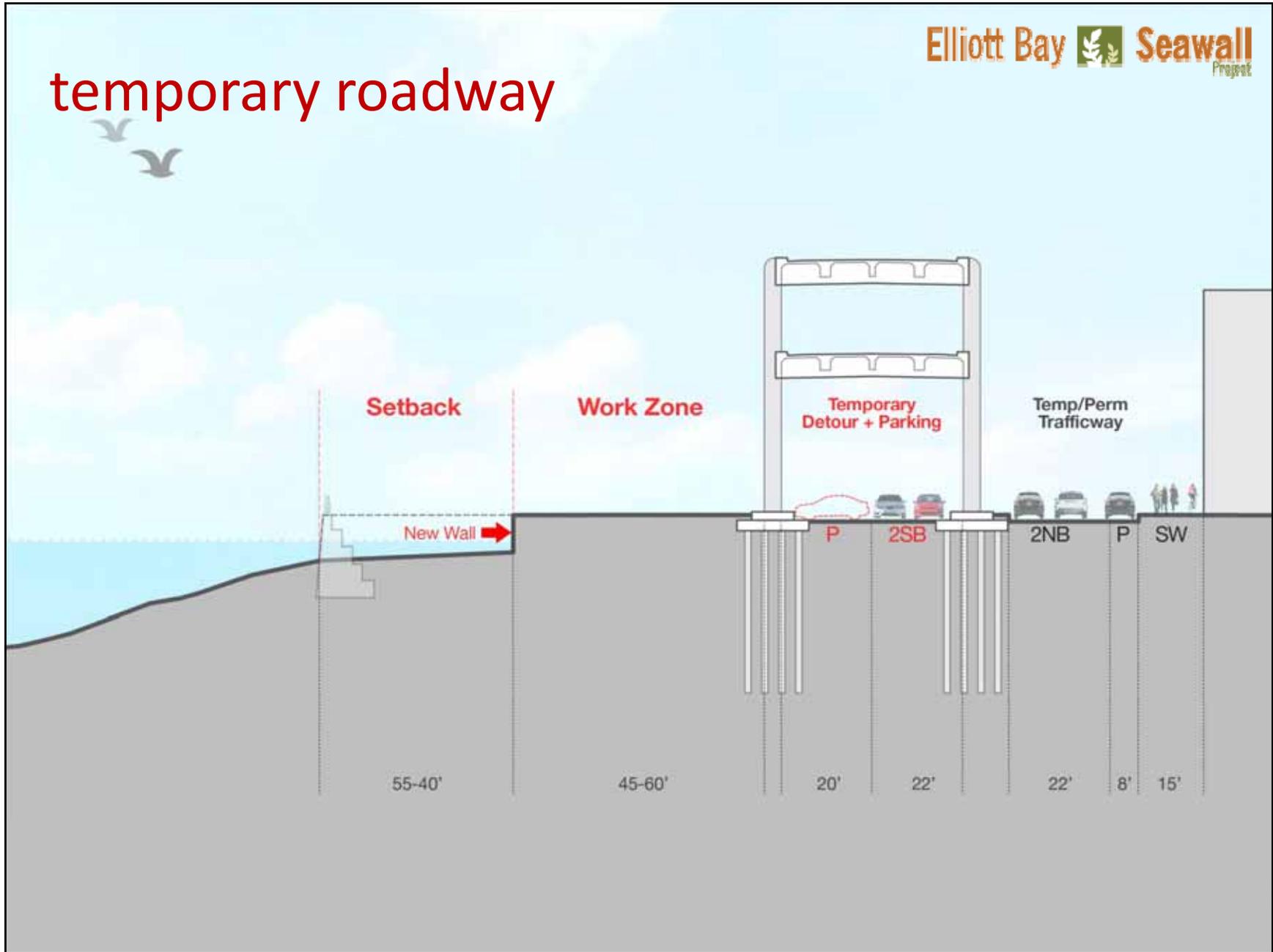
how far can the seawall move east?



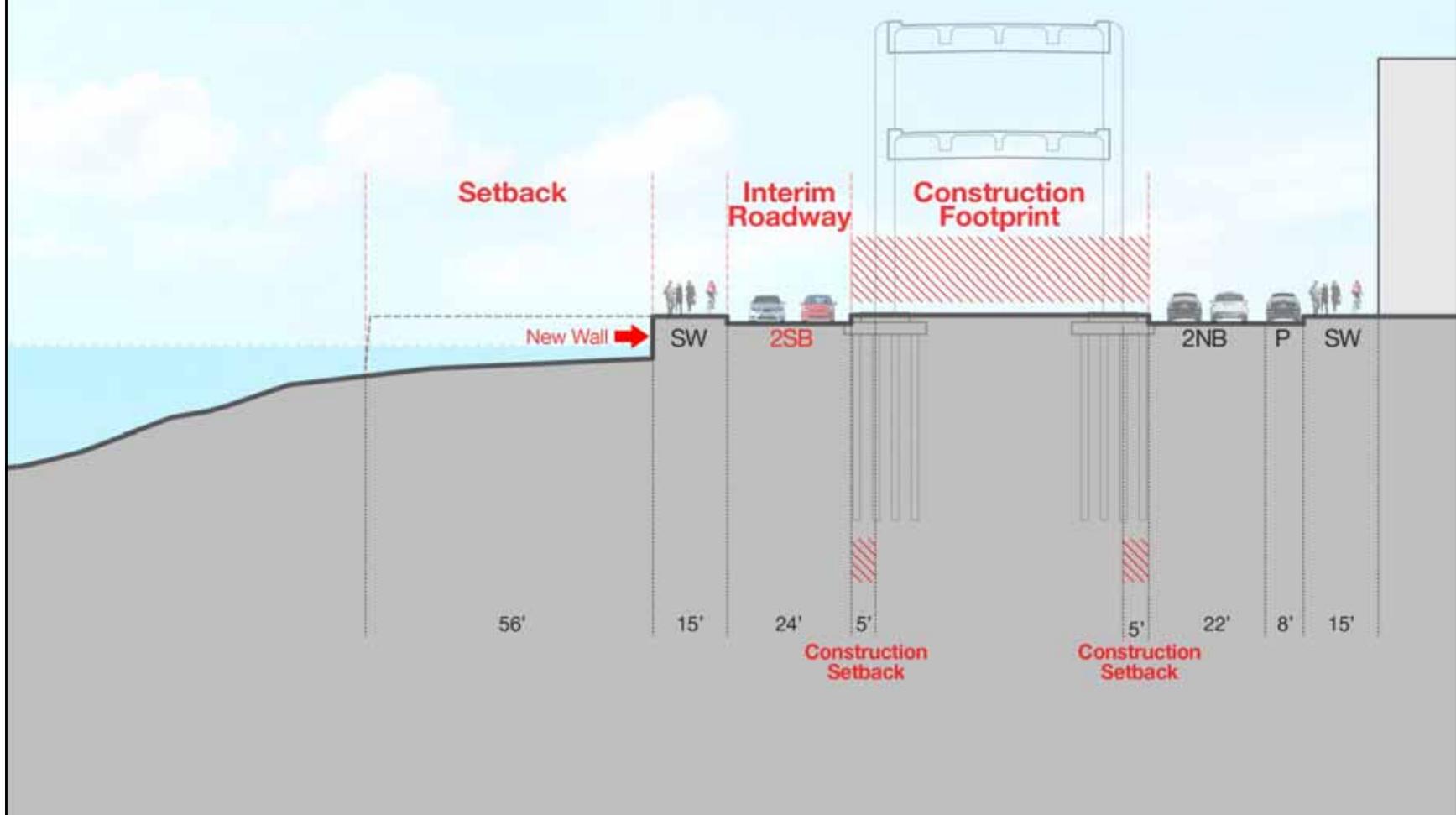
existing condition at marion



temporary roadway



interim roadway:
60' deconstruction zone



ZONE 6 North Pier

- Create light corridor for fish migration
- Enhance visual character of waterfront
- Enliven public gathering spaces
- Expand shallow water habitat
- Connect to Olympic Sculpture Park habitat improvements



ZONE 6 North Pier

Create light corridor for fish migration

Enhance visual character of waterfront

Enliven public gathering spaces

Expand shallow water habitat

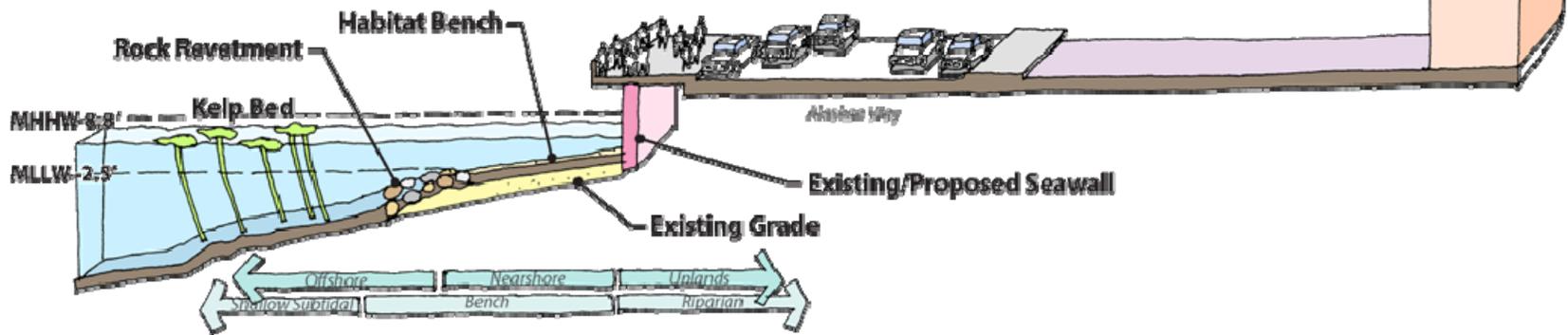
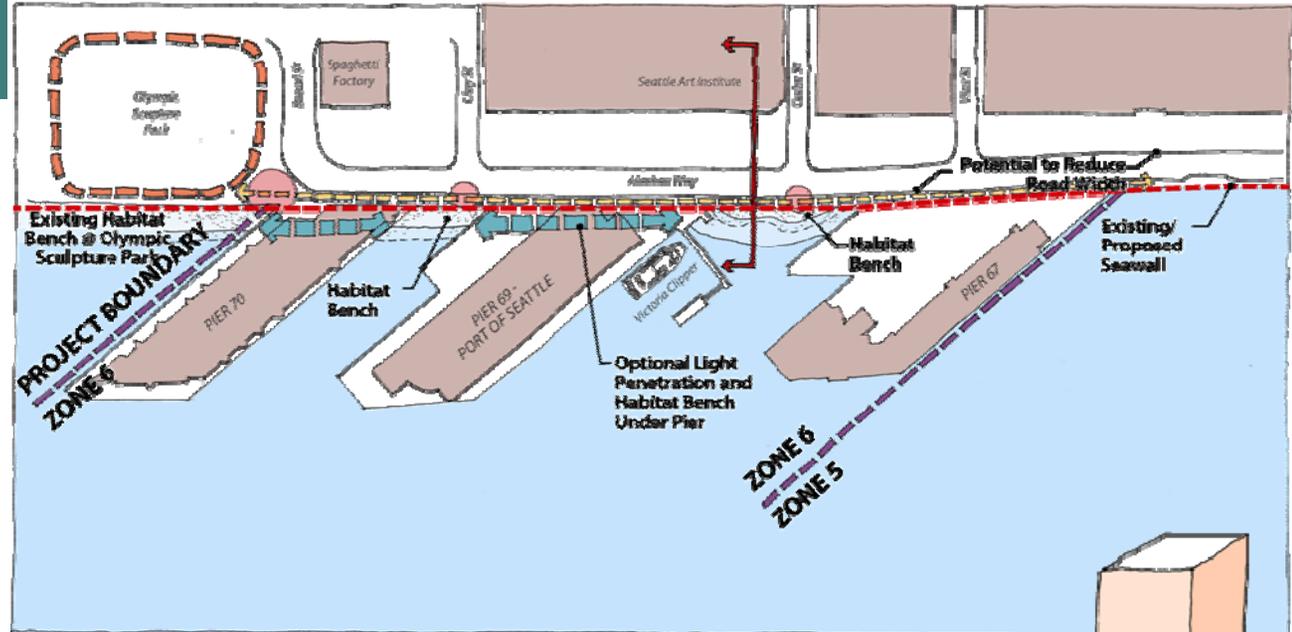
Connect to Olympic Sculpture Park
habitat improvements



ZONE 6 Area Design Options

6.A Wall in Place, Habitat Bench Improvements

6.B Wall Set Back, Habitat Bench Improvements



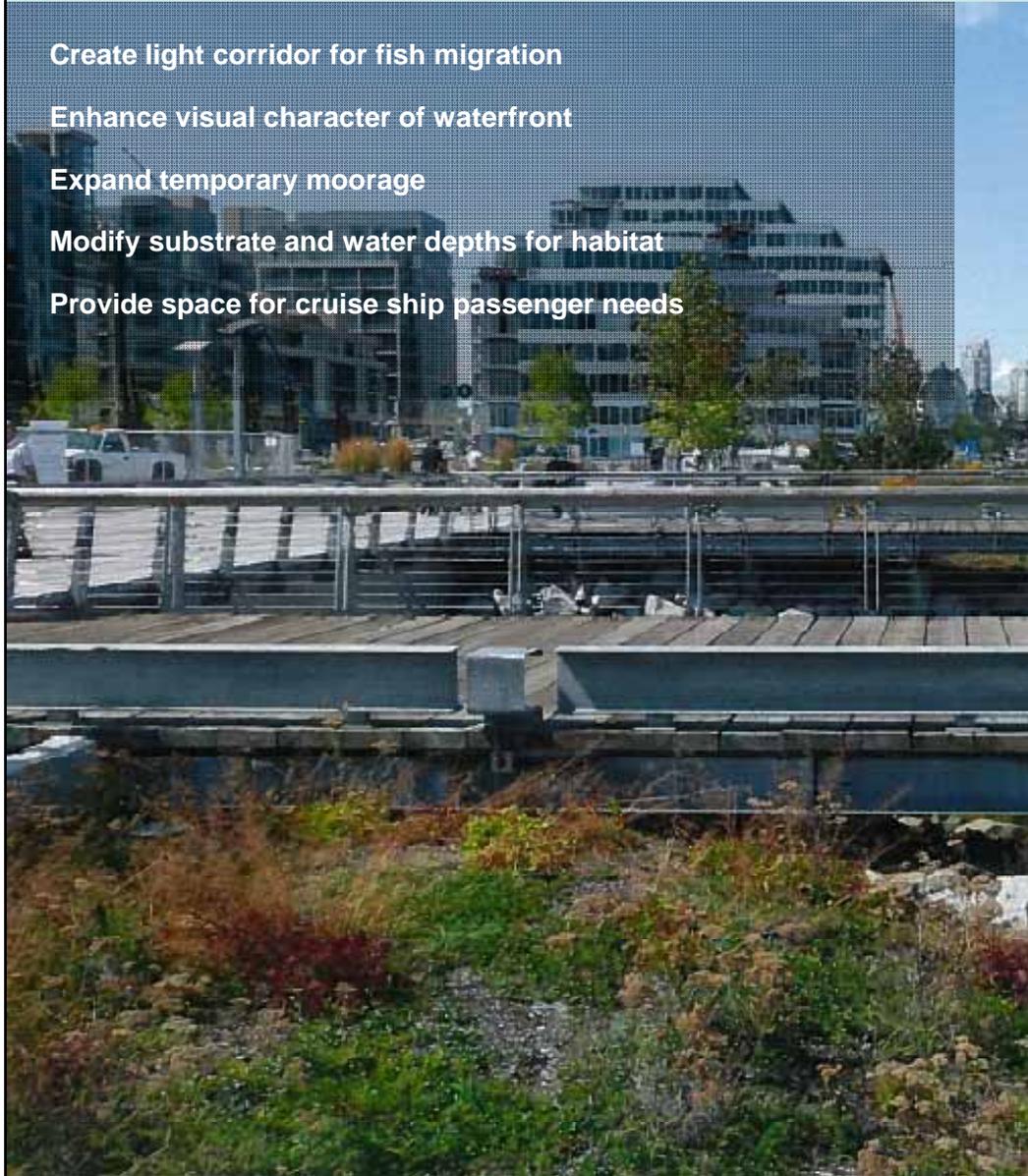
ZONE 5 Bell Harbor

- Create light corridor for fish migration
- Enhance visual character of waterfront
- Expand temporary moorage
- Modify substrate and water depths for habitat
- Provide space for cruise ship passenger needs



ZONE 5 Bell Harbor

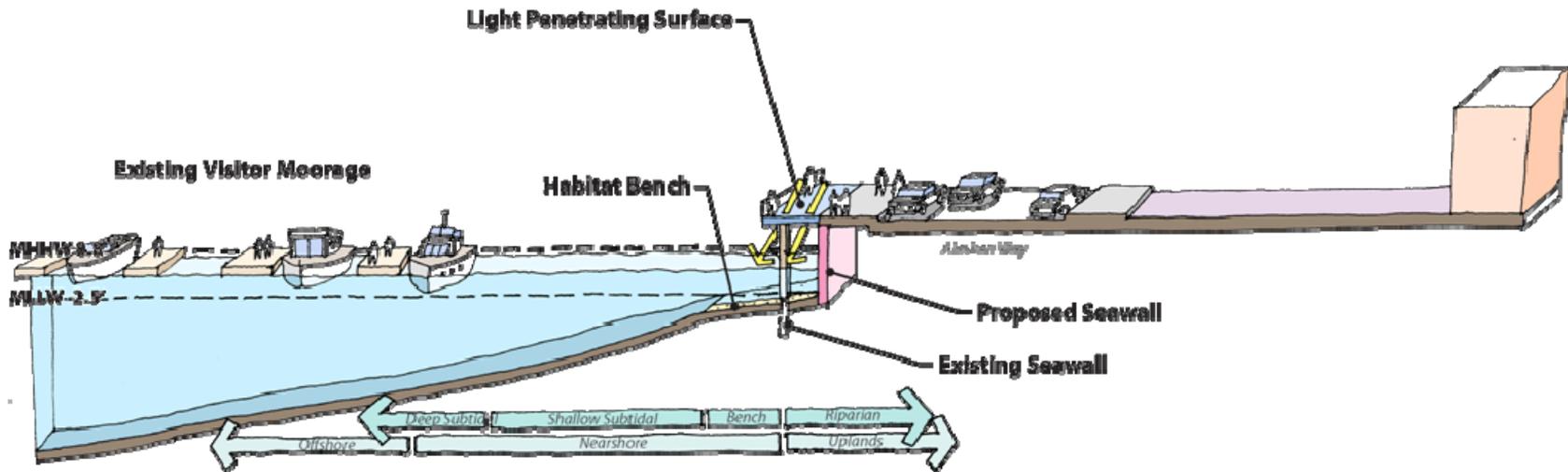
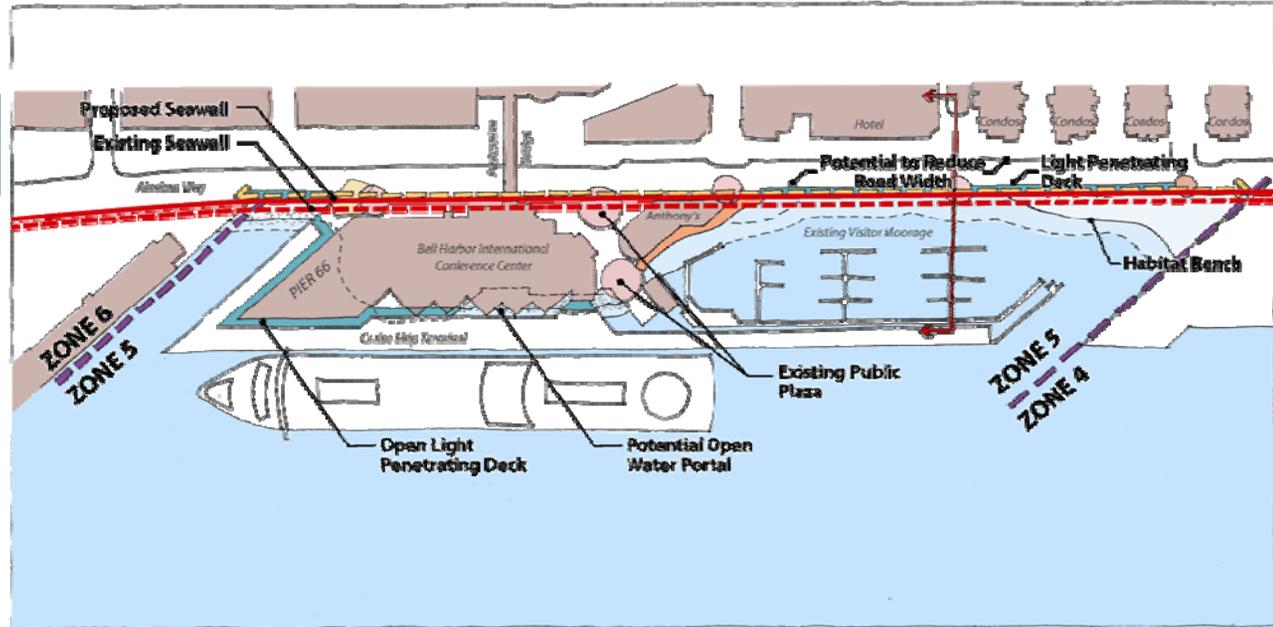
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ZONE 5 Area Design Options

5.A Wall in Place, Habitat Bench Improvements

5.B Wall Set Back, Habitat Bench Improvements



ZONE 4 Park / Aquarium

Elliott Bay  Seawall
Project

- Provide large public gathering spaces
- Bring people to the water
- Provide recreational opportunities
- Create a new overwater civic space
- Connect to Pike Place Market
- Expand shallow water habitat
- Develop educational and interpretive opportunities
- Mix hard and soft edges



ZONE 4 Park / Aquarium

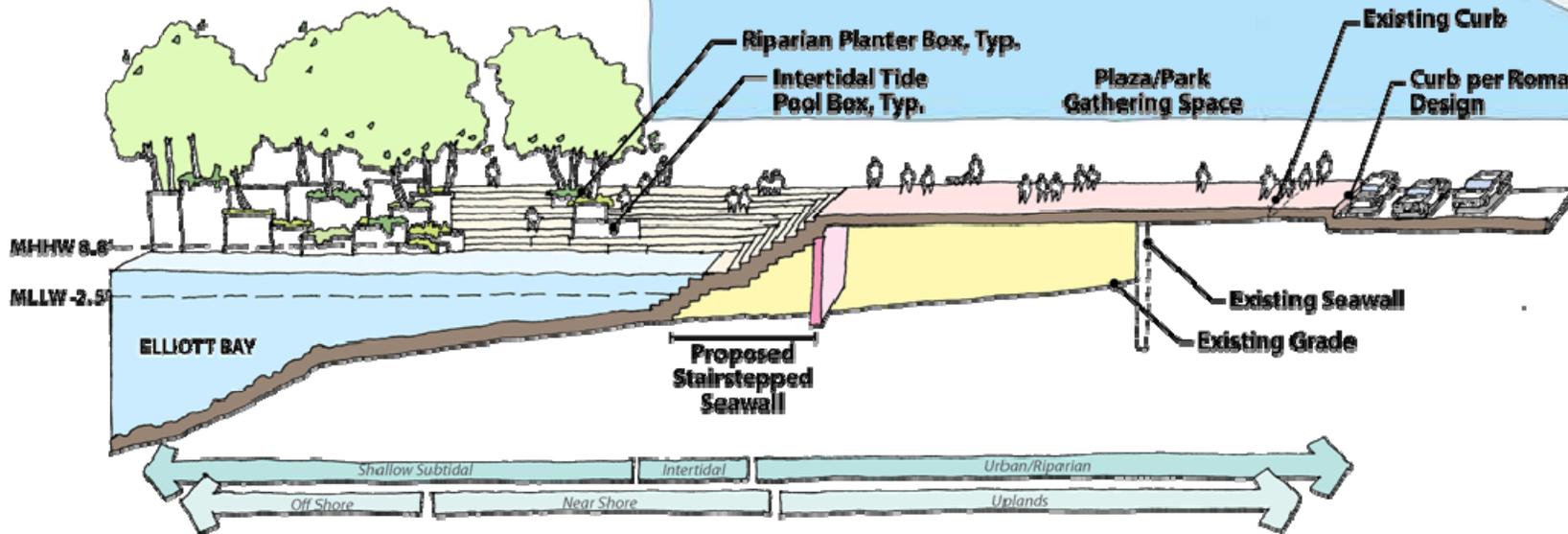
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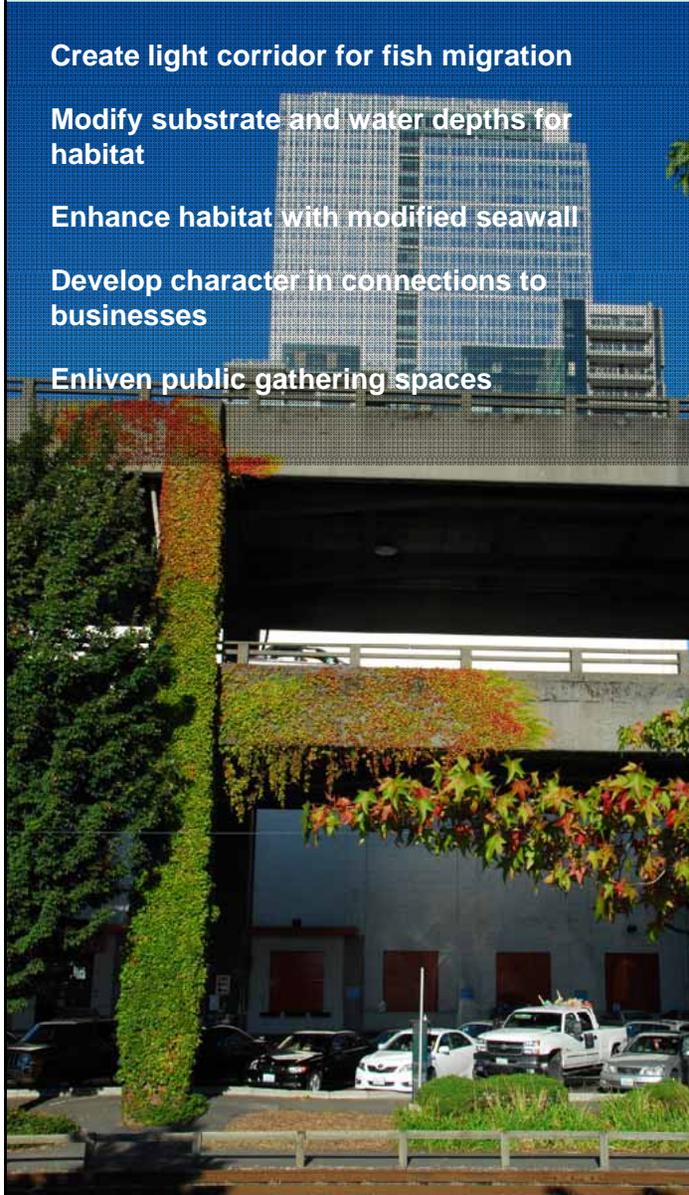
ZONE 4 Area Design Options

- 4.B Wall Set Back, Fine Substrate Pocket Beaches & Floating Park
- 4.C Wall Set Back, Cobble Pocket Beaches & Floating Park
- 4.D Wall Push Out, Hardscape/Stairs
- 4.E Wall Set Back, Urban Edge
- 4.F Wall Set Back, Stairstepped Wall



ZONE 3 Central Pier

- Create light corridor for fish migration
- Modify substrate and water depths for habitat
- Enhance habitat with modified seawall
- Develop character in connections to businesses
- Enliven public gathering spaces



ZONE 3 Central Pier

Create light corridor for fish migration

Modify substrate and water depths for habitat

Enhance habitat with modified seawall

Develop character in connections to businesses

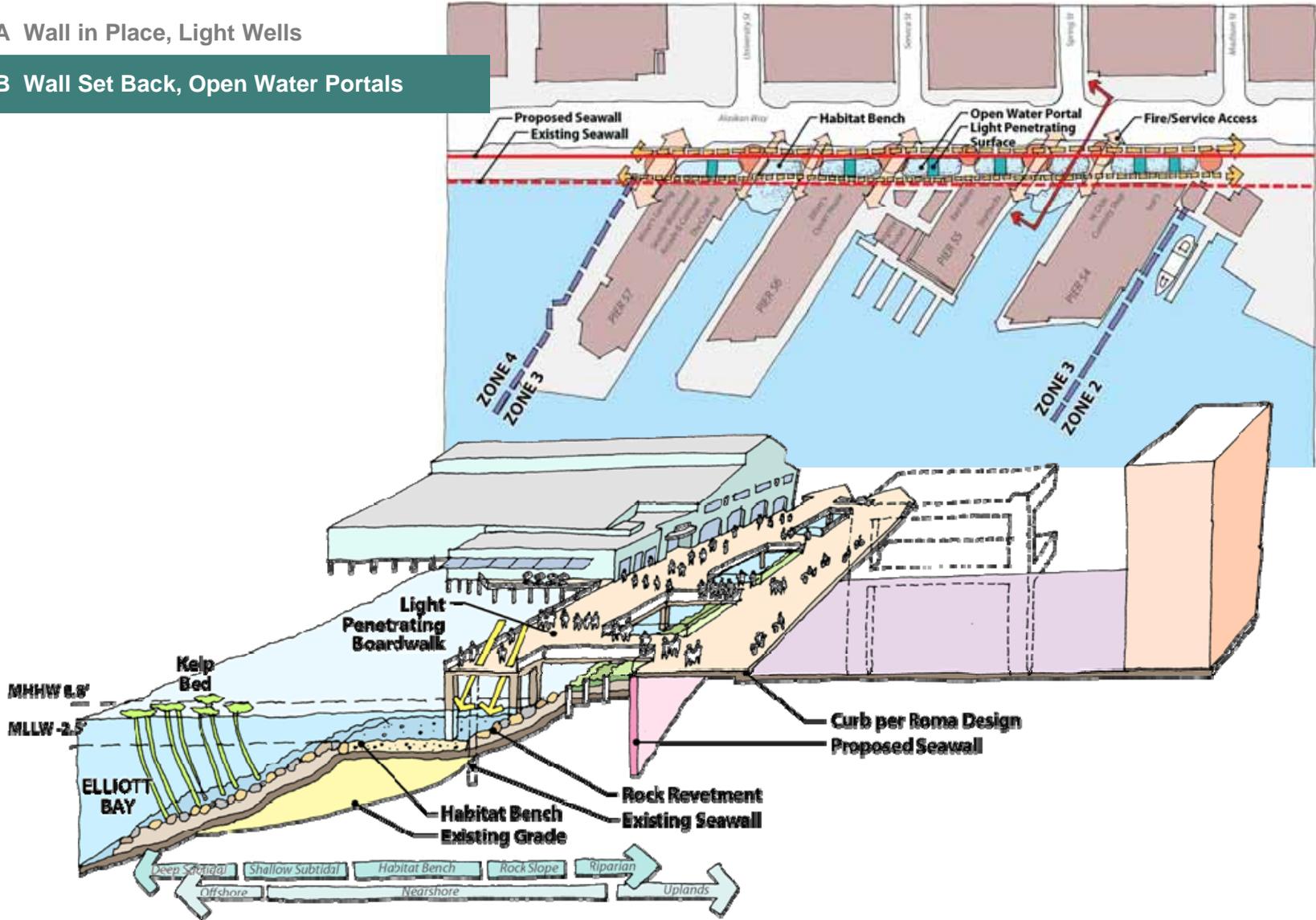
Enliven public gathering spaces



ZONE 3 Area Design Options

3.A Wall in Place, Light Wells

3.B Wall Set Back, Open Water Portals



ZONE 2 Ferry Terminal

- Create light corridor for fish migration
- Enhance habitat with modified seawall
- Develop creative connections to WSF terminal
- Support multi-modal transportation hub
- Explore stormwater management through rain gardens



ZONE 2 Ferry Terminal

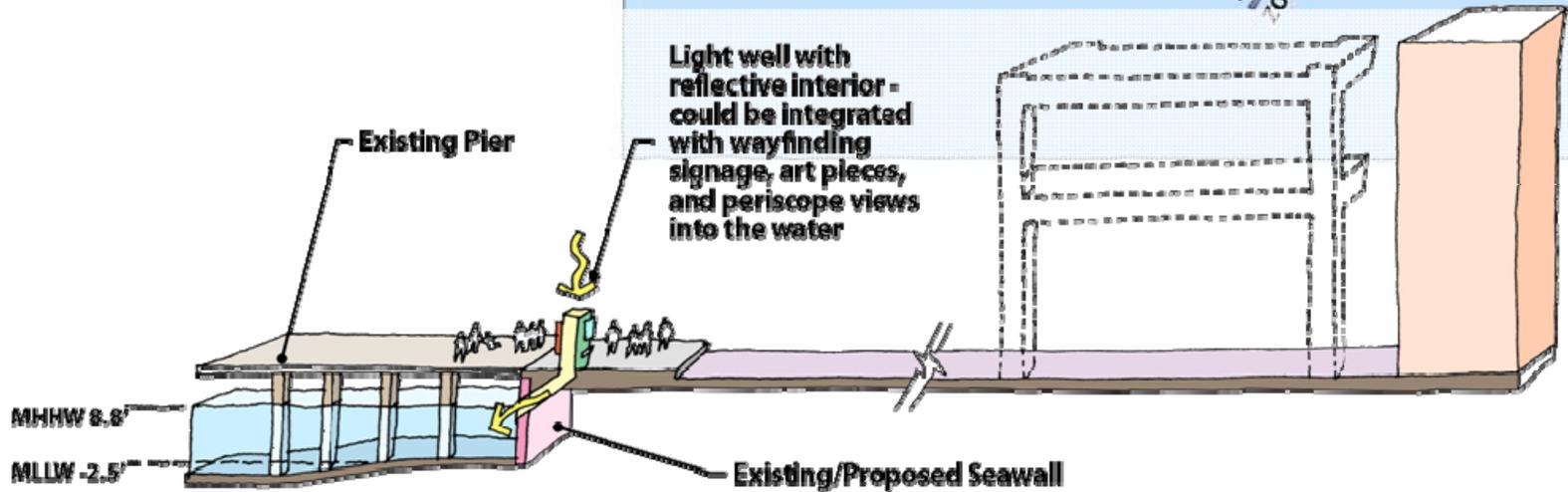
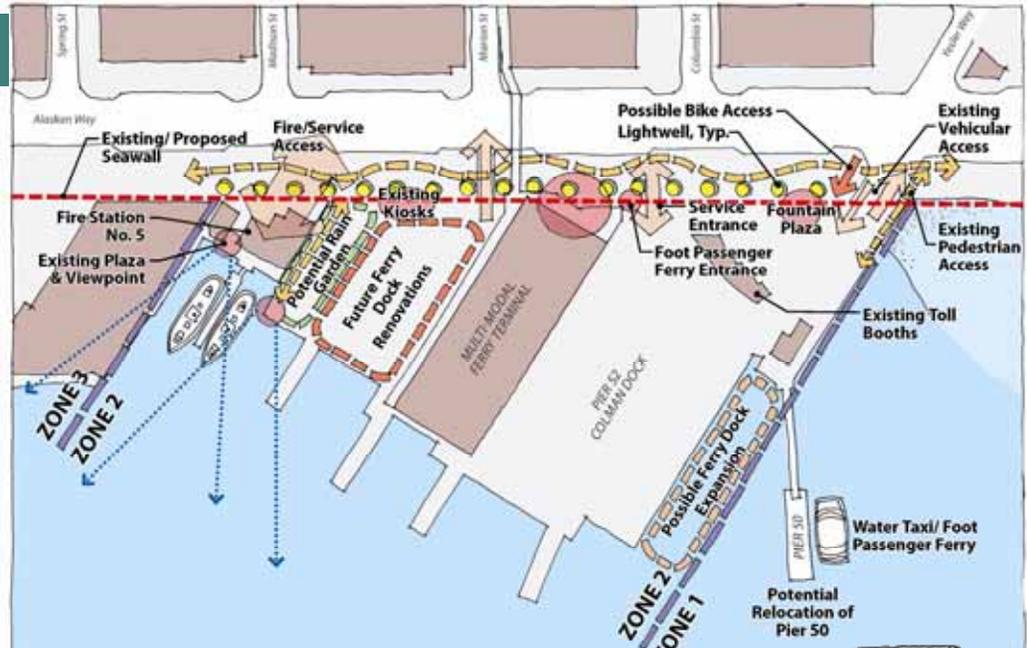
- Create light corridor for fish migration
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ZONE 2 Area Design Options

2.A Wall in Place, Light Wells

2.B Wall Set Back, Open Water Portals



ZONE 1 Pioneer Square / Washington Street

Enhance habitat in shallow water area

Bring people to the water

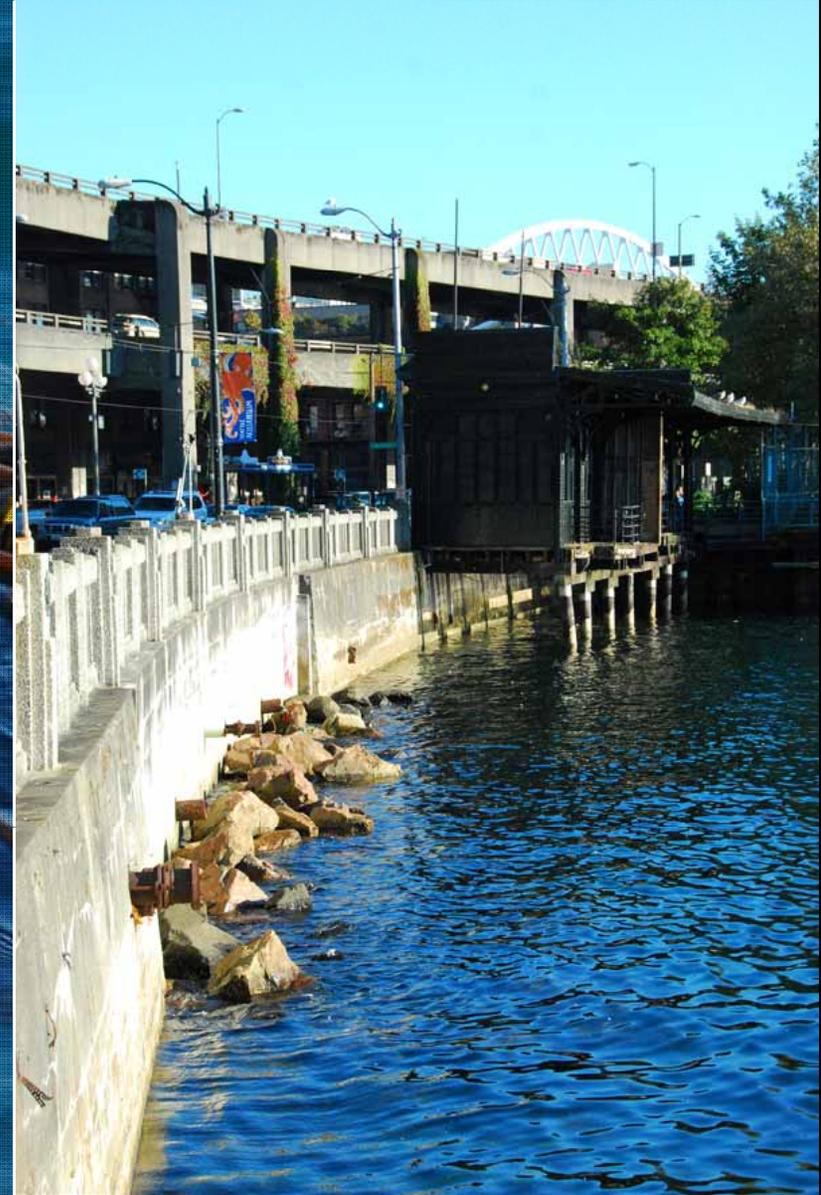
Provide recreational opportunities

Connect to Pioneer Square

Restore Washington Street Public Boat Landing

Develop focal point for cultural and historic interpretation

Create bookend to Olympic Sculpture Park



ZONE 1 Pioneer Square / Washington Street

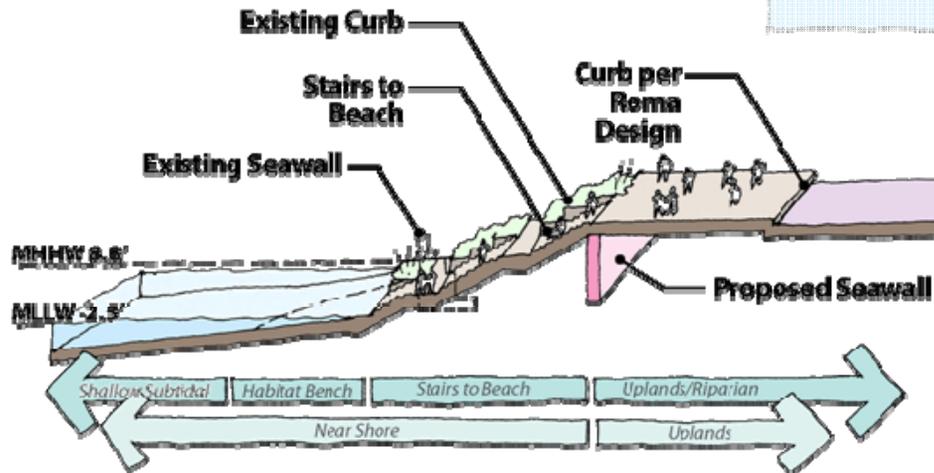
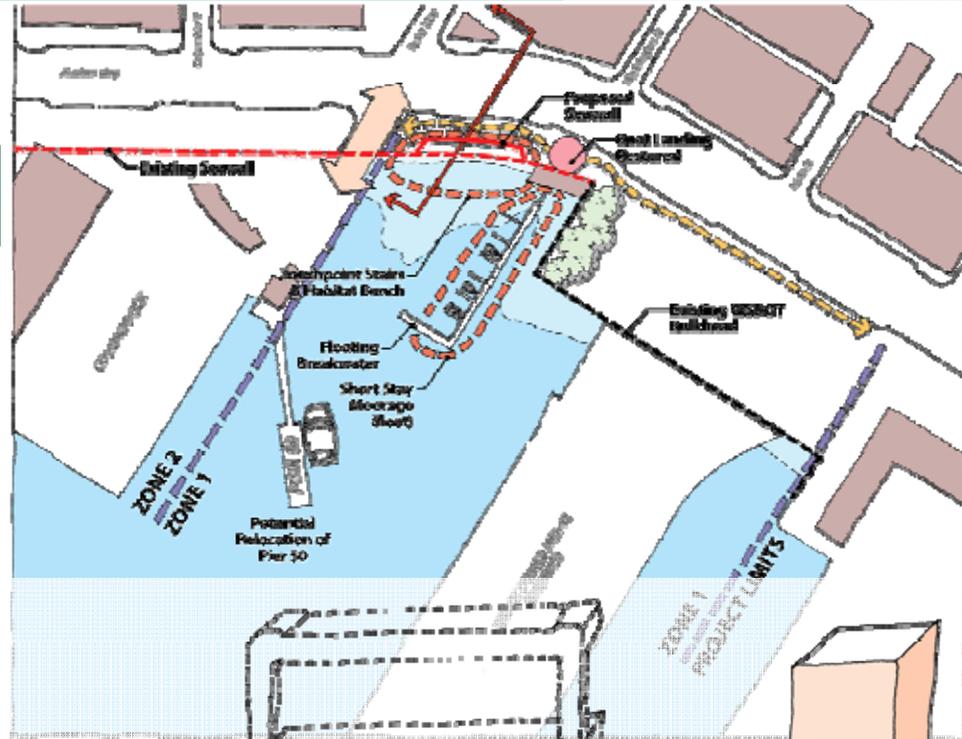
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- Restore Washington Street Public Boat Landing
- Develop focal point for cultural and historic interpretation
- Create bookend to Olympic Sculpture Park



ZONE 1 Area Design Options

- 1.A Wall in Place, Pocket Beach at Pier 48 Site
- 1.D Wall in Place, Pocket Estuary at Pier 48 Site
- 1.E Wall Set Back, Urban Hardscape with Moorage (Washington to Yesler)
- 1.F Wall in Place, Pocket Beach (Washington to Yesler)
- 1.H Wall Push Out, Hardscape/Stairs (Washington to Yesler)



Concept Themes

Developing Alternatives

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★ April - Define preferred alternative

Brainstorming Concept Themes

CONTINUOUS, Segmented, *Playground*, , **Seascape**, Pier place, The Great wall, **Hardscape**, Ebbing, **Softscape**, Eddy, *Aquatic*, Tidepool, Cousteau, **Playscape**, Anenome, **Outrigger**, Back in Time, **BACK TO THE FUTURE**, **Restorative**, Gold Rush, *Timbers away*, **Working waterfront**, **Reconnecting**, Tourist, *Maritime*, **Urban fabric**, *Gateway to Puget Sound*, **Commercial**, Long term stewardship, *Aquatic habitat enhancement*, **UPLAND HABITAT CREATION**, **Migration corridors**, *Sustainable design elements*, Urban/northwest climate conditions, **View corridors**, **Viewpoints**, Education and interpretive opportunities, **Interpretive**, PEDESTRIAN, **Restive**, FISHING ACCESS, **Authenticity**, *Diverse*, *Cascadia-centric*, **HISTORIC**, Urban, **Organic**, **PERMEABLE**, **Natural**, Recreation, **GATHERING**, Interpretive

Objectives and Measures

Goals

- Address critical public safety needs at shoreline.
- Respect cultural, archeological, and historic resources.
- Consider long-term vision for the Central Waterfront.
- Provide enhanced habitat.
- Provide enhanced public gathering and recreational opportunities.
- Support economic vitality of the waterfront.
- Minimize construction impacts.
- Support fiscal responsibility.

Upcoming Subgroup Meetings

- October 19 – 5:00 p.m. (Puget Sound Regional Council)
- November 16 – 5:00 p.m. (Puget Sound Regional Council)

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