

Contract Award for Consultant Services for Environmental Review

Resilient Fort Point Channel Infrastructure Project

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**boston planning &
development agency**

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Resilient Fort Point Channel Infrastructure Project



Project Purpose:

Protect the 100 Acres Master Planning Area and South Boston from sea level rise and coastal flooding.

The proposed Project will consist of a mix of earthen berms and mitigation of existing floodwalls for a 2,300 linear foot stretch along the eastern edge of Fort Point Channel, as well as about 600 linear feet of interim flood protection solutions across four locations.

Project Progress to Date:

- **October 2018**, Recommended in *Coastal Resilience Solutions for South Boston*
- **January 2019**, BPDA/City Submitted FEMA PDM 18 Application
- **June 2019**, Project "Identified for Further Review" by FEMA
- **August 2020**, Project Granted Approval to Move Forward to Environmental Assessment by FEMA

Resilient Fort Point Channel Infrastructure Project

Environmental Review RFP Scope:

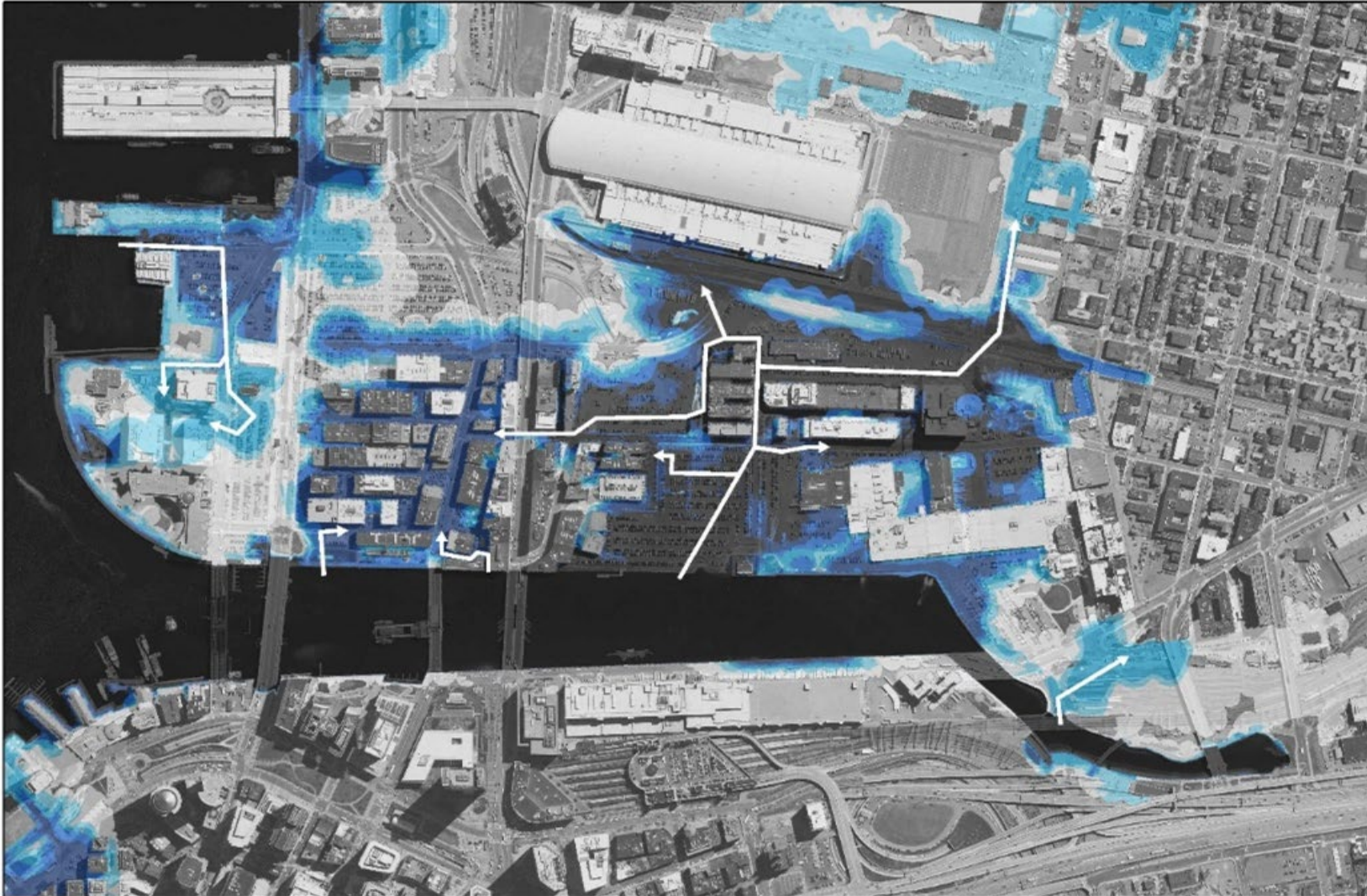
The Consultant will complete a MEPA environmental review for the Resilient Fort Point Channel Infrastructure Project, producing an Environmental Notification Form (ENF) and an Environmental Impact Report (EIR), if required. MEPA review is required if a project requires a State Agency Action and meets or exceeds a MEPA review threshold, which is outlined at 301 CMR 11.03.

Summary of Proposal from Woods Hole Group:

The Woods Hole Group team has built a strong track record working on other similar projects, and brings substantial knowledge and expertise in environmental and historic preservation reviews; coastal climate resiliency planning and related infrastructure and open space design; and community and stakeholder engagement and facilitation.

Flood Hazard Pathways That May Affect the Project

Fort Point Channel - Flood Pathway Analysis



“While there are some minor connections and fringe flooding areas that occur during the most extreme storm return period (1000-year), these connections are driven by water arriving from the Fort Point Channel flood entry points and not from other locations (e.g., Reserve Channel).”

- Kirk Bosma, PE, Woods Hole Group

Project Design – Resilient Boston Harbor



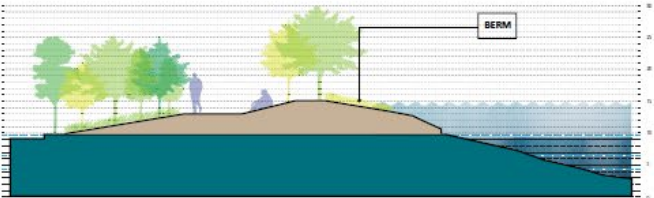
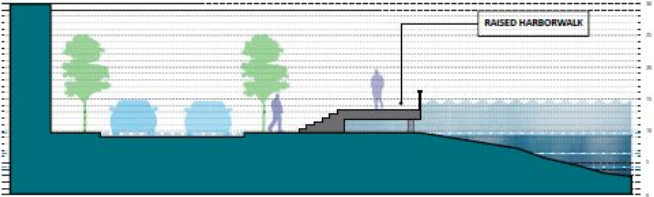
Project Design



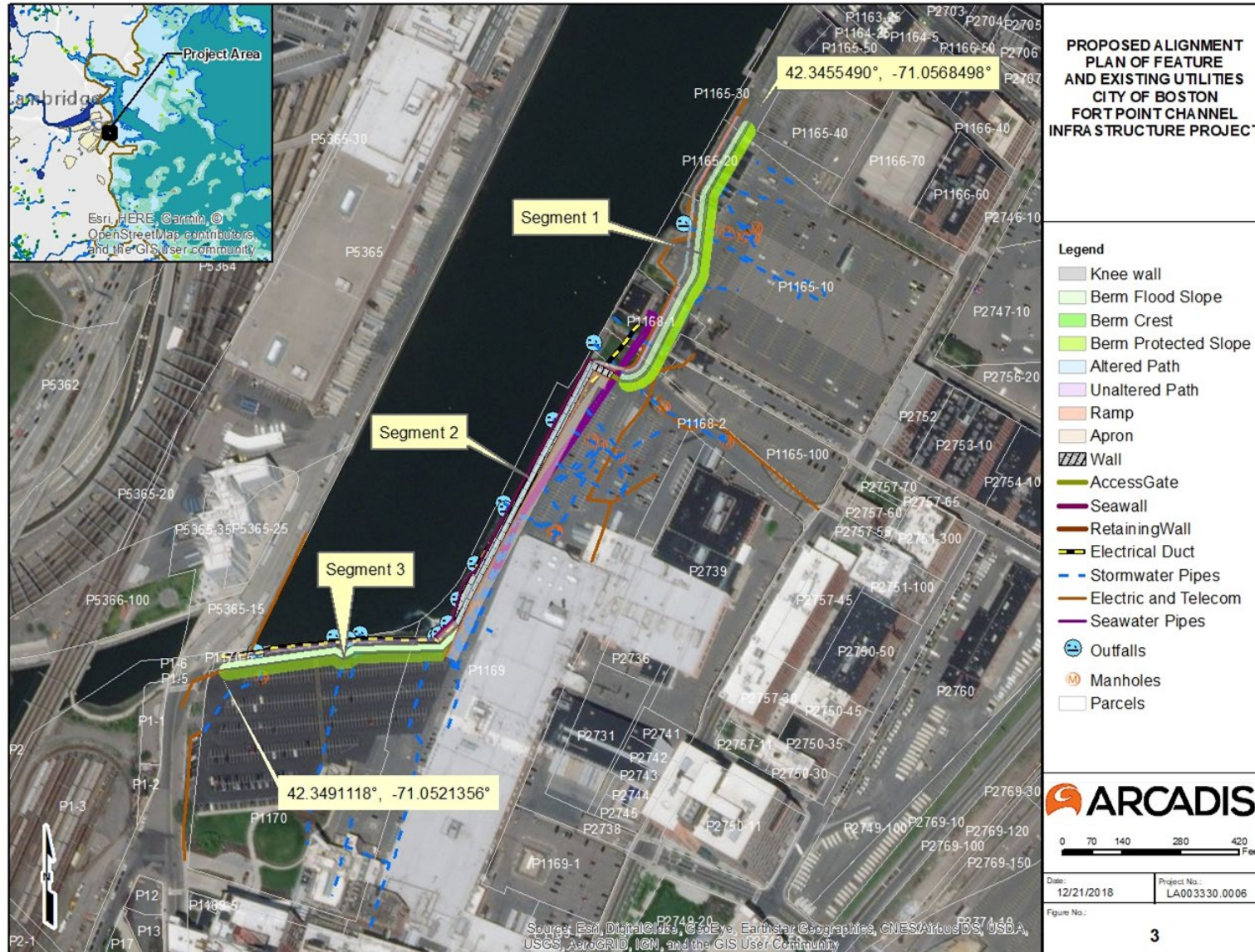
Project Design – Inspiration Images



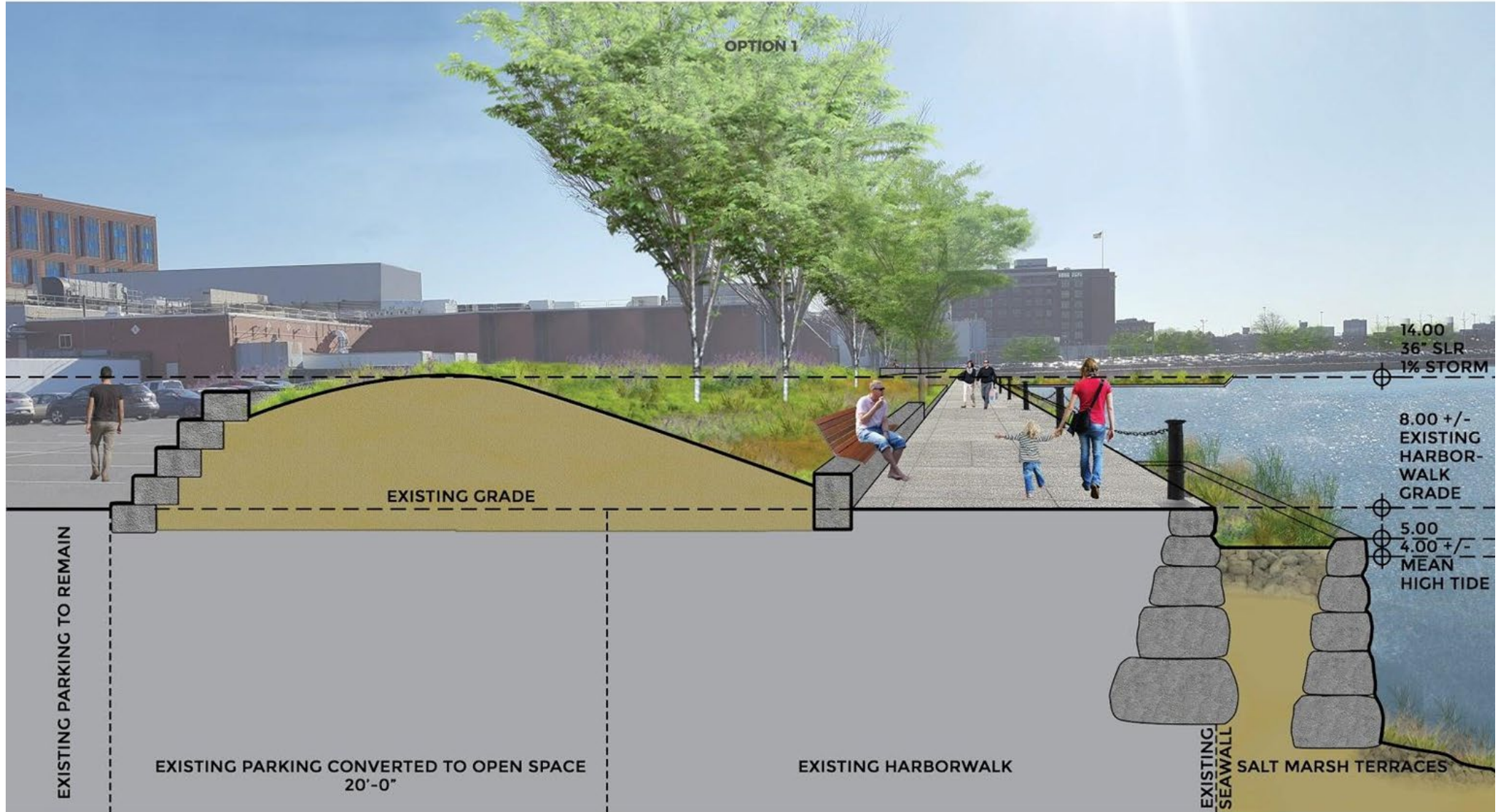
RAISED HARBORWALK / PARKSPACE



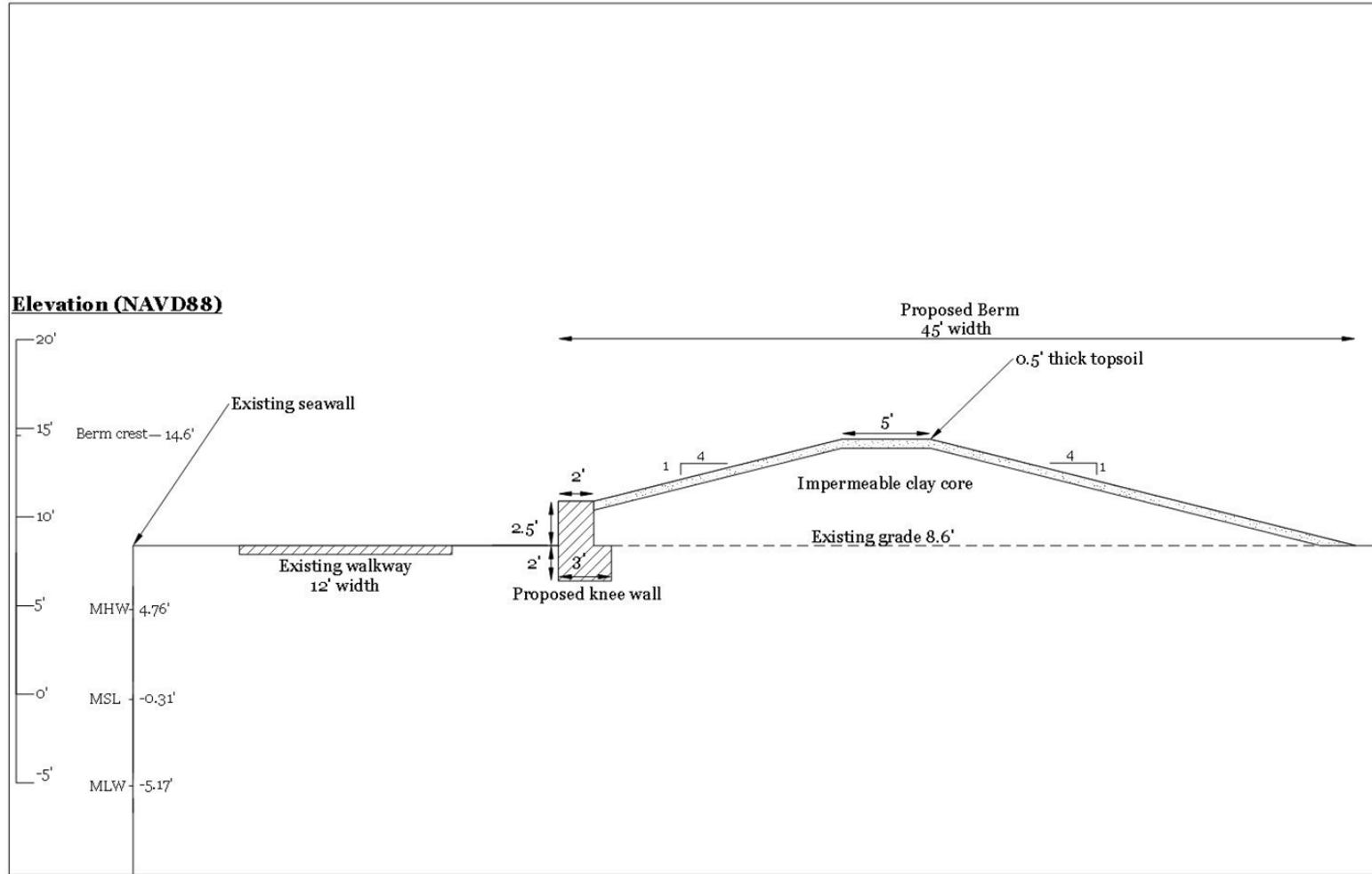
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Project Design



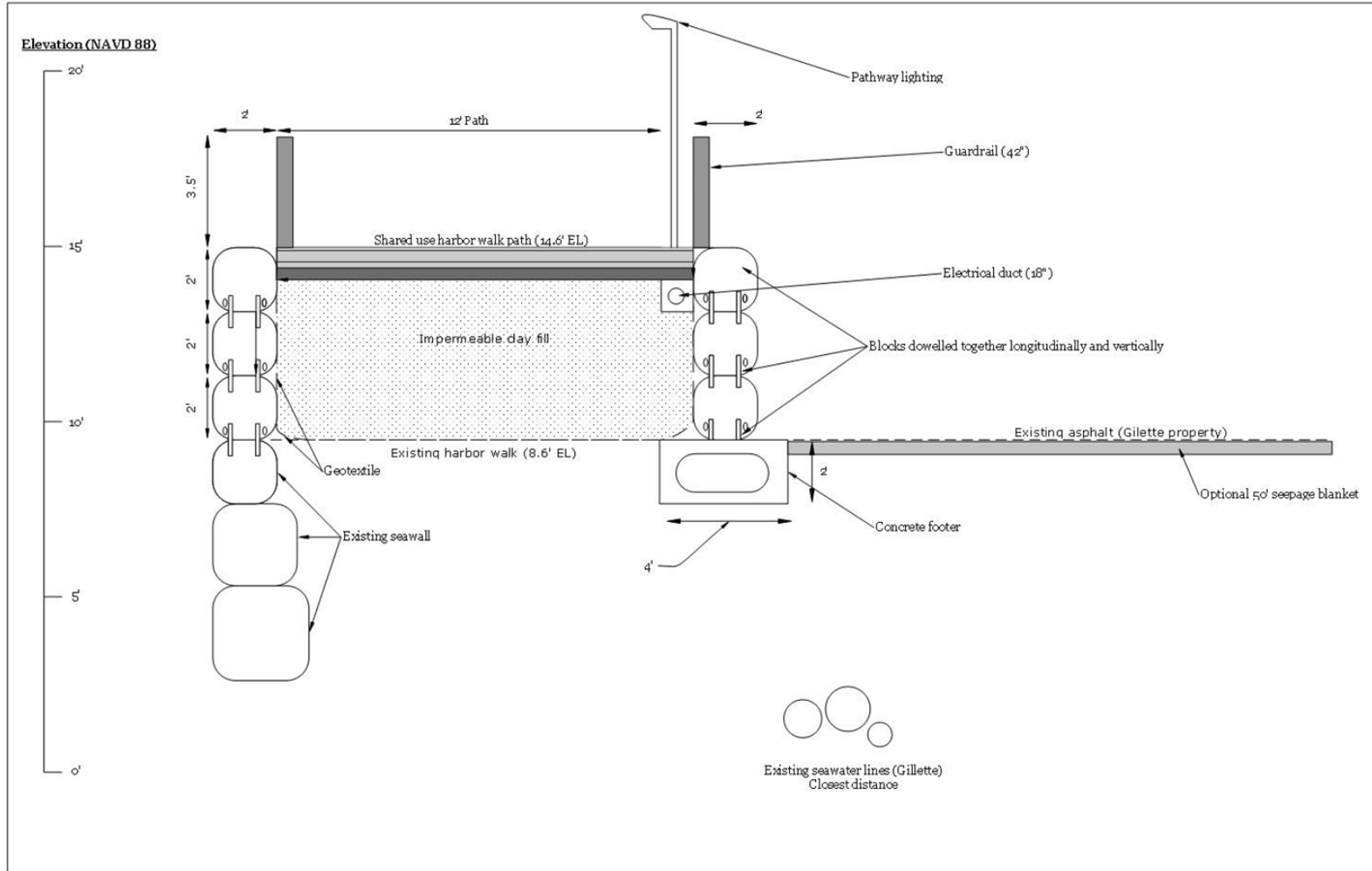
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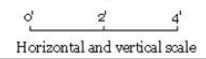
Notes: Elevations in reference to North American Vertical Datum of 1988 (NAVD88)	Proposed Berm Cross Section			Figure 4
	City of Boston, Fort Point Channel Infrastructure Project			

0' 5' 10'
 Horizontal and vertical scale

Project Design



Notes:
Elevations in reference to North American Vertical Datum of 1988 (NAVD88)



Proposed Seawall Cross Section

City of Boston, Fort Point Channel Infrastructure Project



Date: 12/21/18

Figure:
6

Proj No: LA003330.0006



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