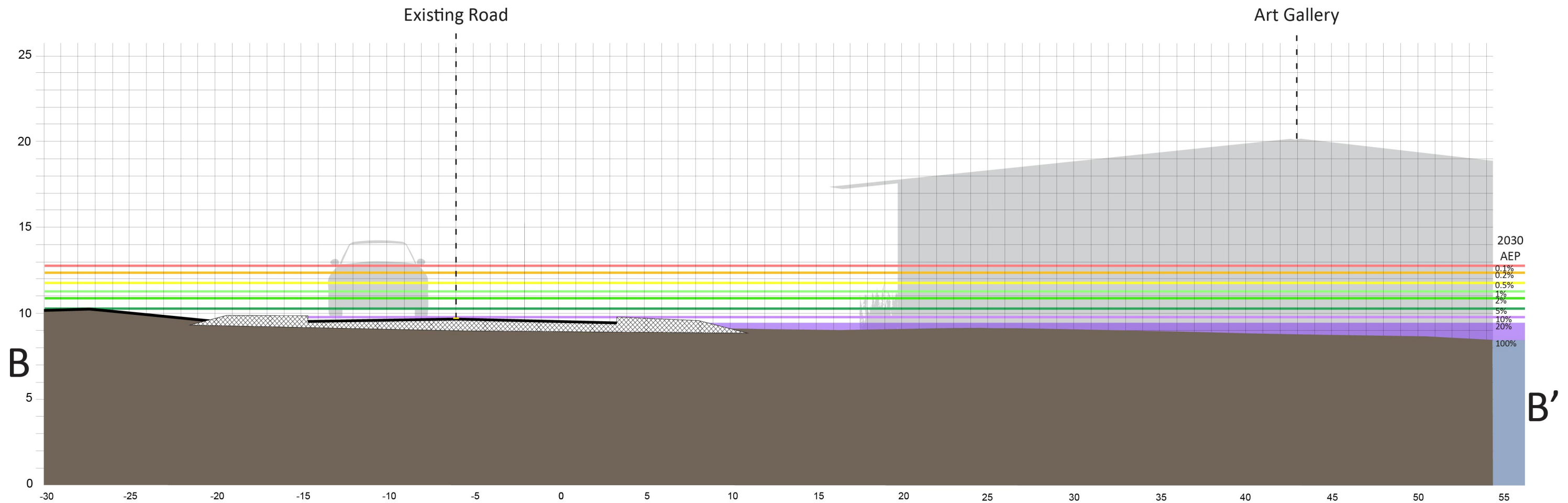


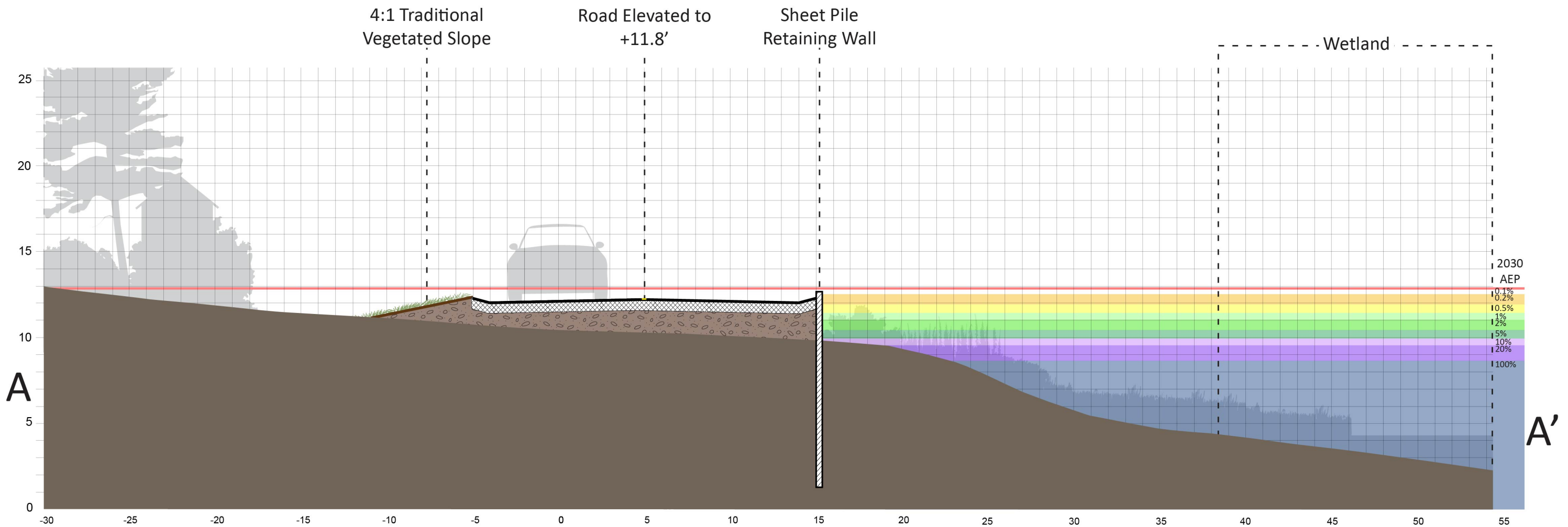
EXISTING CONDITIONS

East Commercial Street, Wellfleet



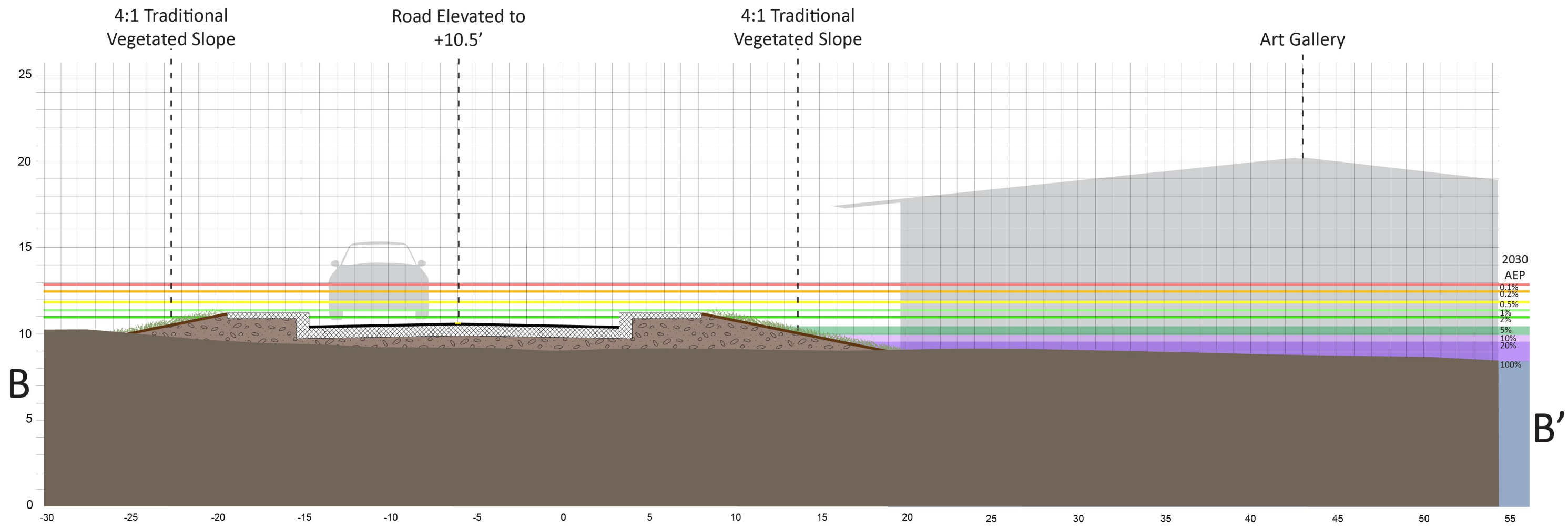
EXISTING CONDITIONS

East Commercial Street, Wellfleet

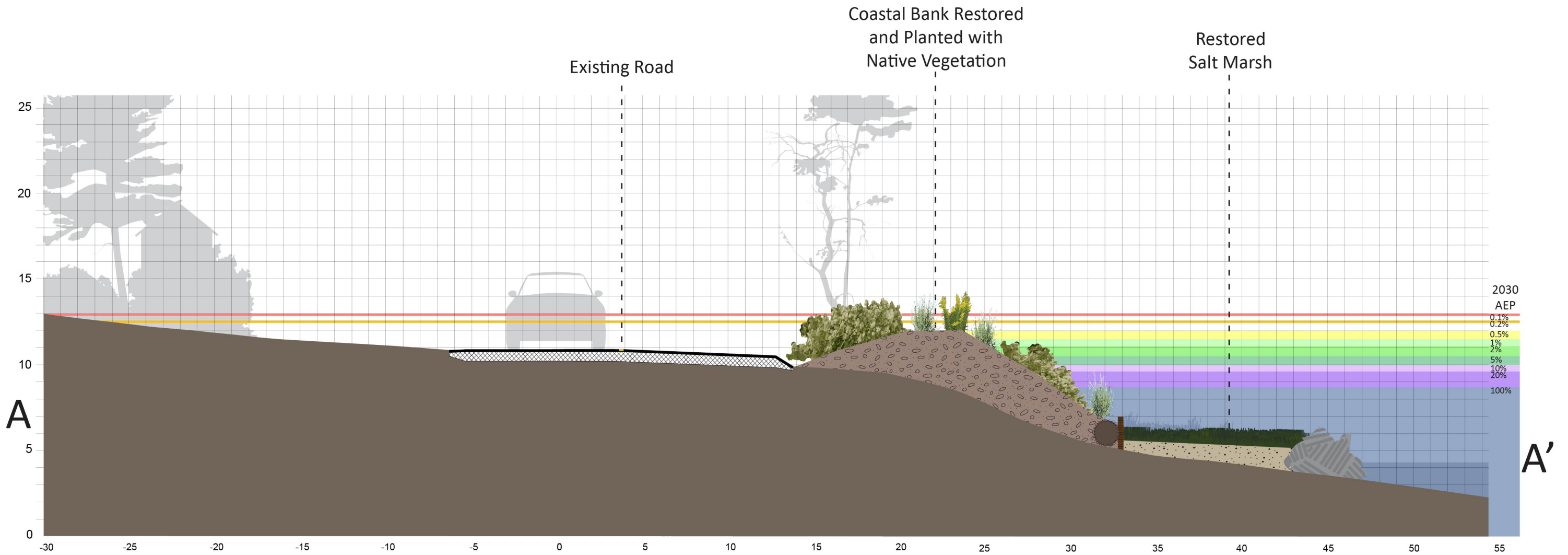


ALTERNATIVE 1: GRAY

East Commercial Street, Wellfleet

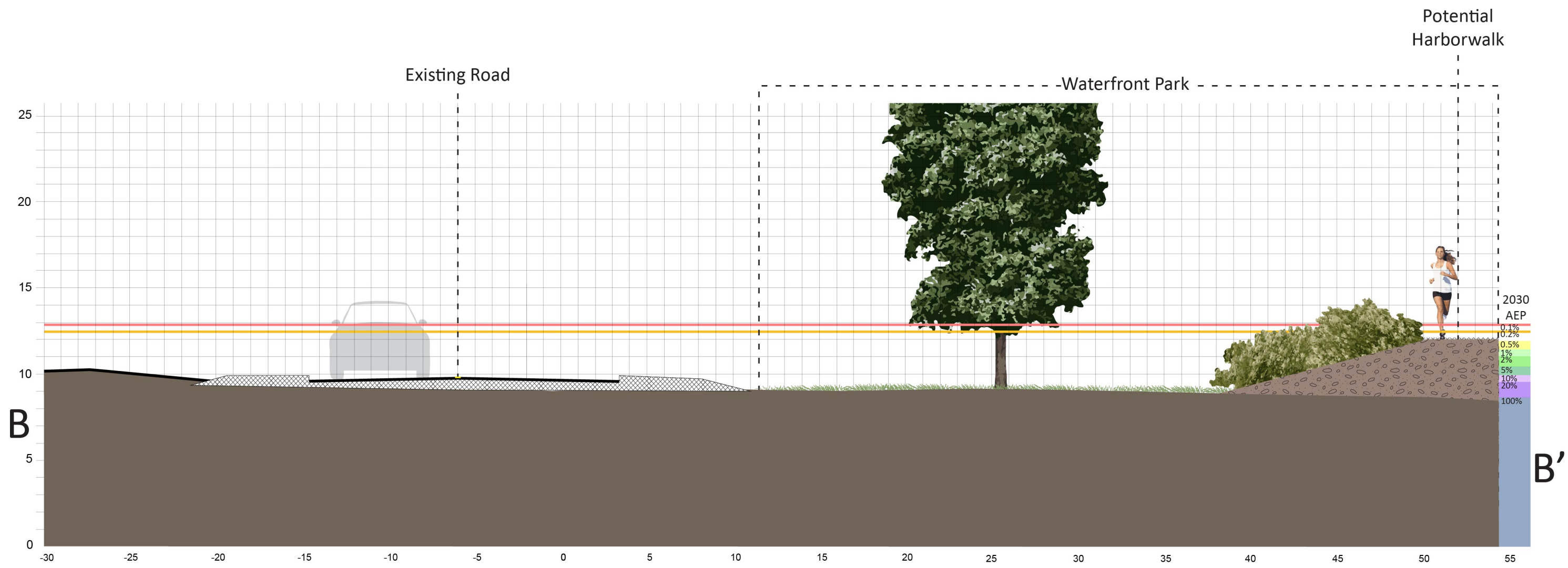


ALTERNATIVE 1: GRAY
East Commercial Street, Wellfleet



ALTERNATIVE 2: HYBRID

East Commercial Street, Wellfleet



ALTERNATIVE 2: HYBRID
East Commercial Street, Wellfleet

EAST COMMERCIAL STREET, WELLFLEET

Summary of alternatives

			Critical Elevation	Annual Exceedance Probability			Vulnerable to Tidal Flooding	Impacts to Wetlands	Impacts to Private Property	Estimated Cost*
				2030	2050	2070				
EXISTING	A segment of 21ft wide road with commercial and residential uses.		8.6 feet	20%	100%	100%	2070	N/A	N/A	N/A
ALTERNATIVE 1: GRAY	1438 linear feet of Town-owned road are elevated from a lowest point of 8.6 feet to a lowest point of 10.5 feet. Sheet pile is used to control erosion on the coastal bank near Whit’s Lane, and there is a possibility to raise the bulkhead edge and protect waterfront businesses, tying in to the sheet pile and eastern road segment at 11.8ft.	A	11.8 feet	0.5%	10%	100%	N/A	Negative	Yes	\$968,000
		B	10.5 feet	5%	20%	100%				
ALTERNATIVE 2: HYBRID	The coastal bank near Whit’s Lane is stabilized and restored using coastal bank and salt marsh vegetation, erosion control materials, fill, and sand. Waterfront properties on East Commercial Street are acquired and converted to a waterfront park, which integrates a 12 foot berm and shared use path. The berm and path connect to Uncle Tim’s Bridge.		12.0 feet	0.2%	5%	20%	N/A	Possible Positive	Yes	\$945,000+ (excludes buyouts)

*Installed material cost +20% contingency. Excludes design, permitting, mobilization, stormwater and wastewater infrastructure, and site controls. Costs based on RSMeans 2021 cost book and adjusted for inflation and region.