WEST END AREA FLOOD VULNERABILITY

Sources and geographic extent of flooding.

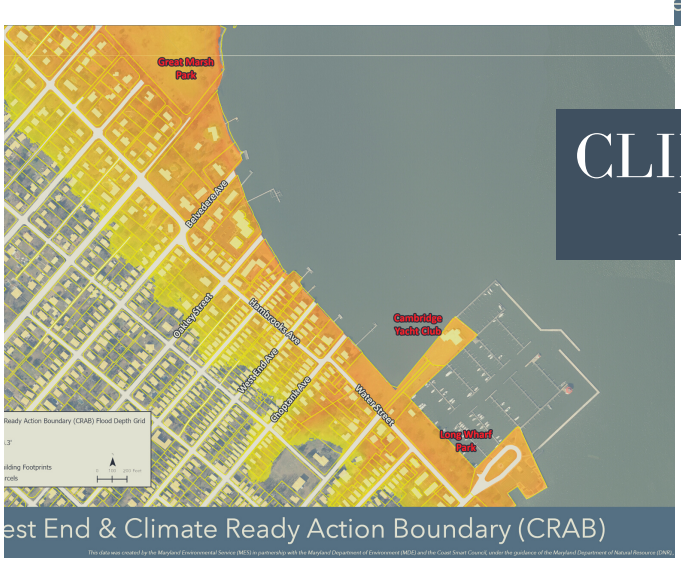
FLOOD WALL

Photograph of existing flood protection wall at the end of Oakley Street.

1% ANNUAL CHANCE FLOOD

The FEMA regulated 1% annual chance floodplain impacts the West End Area extending from the Cambridge Yacht Club to Belvedere Avenue.

est End & 1% Annual Chance Floodplain



est End & Climate Ready Action Boundary (CRAB)

CLIMATE READY ACTION BOUNDARY (CRAB)

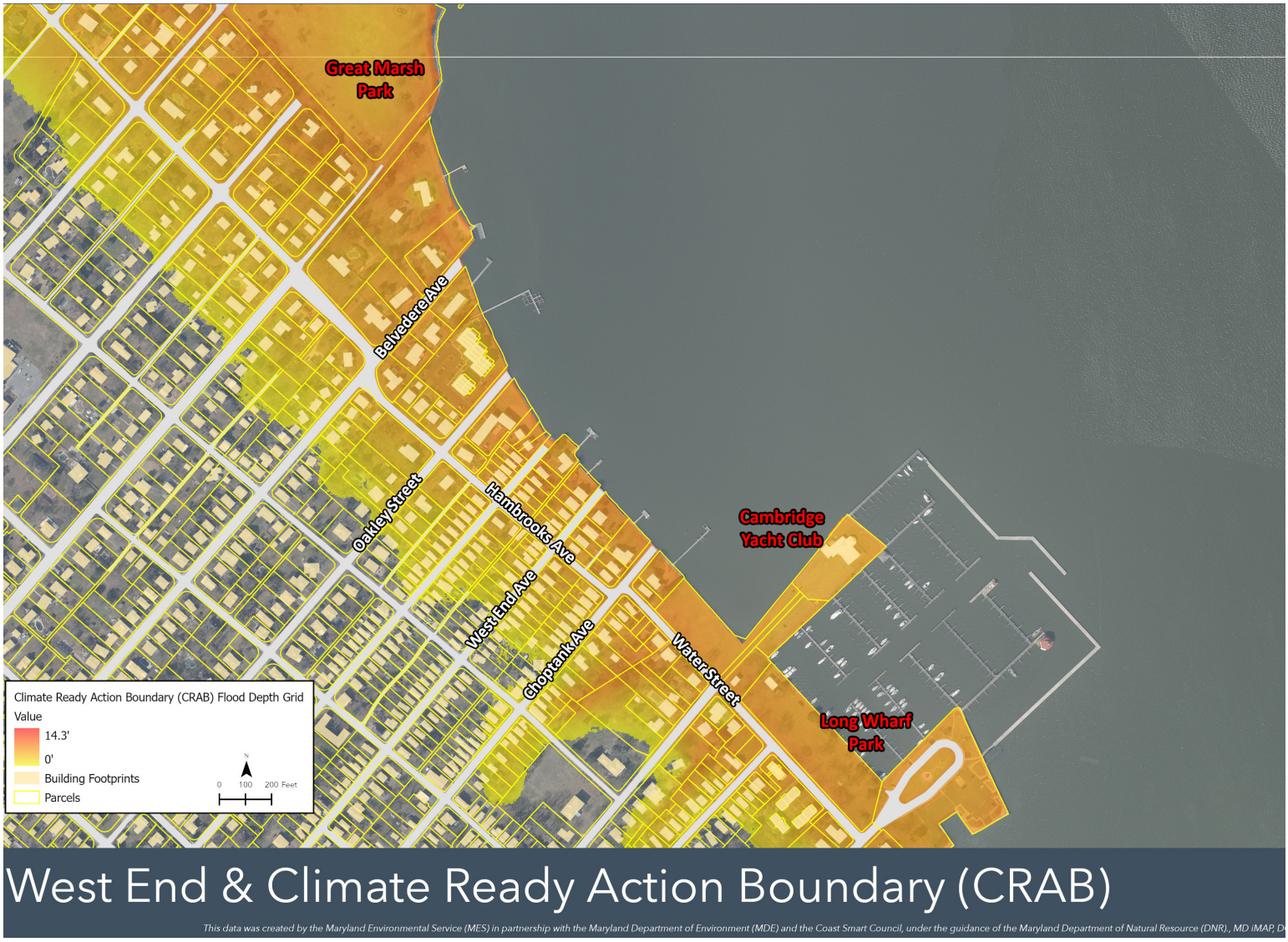
The FEMA floodplain limit remains inundated with an additional 3 feet of water added to it. The Newly Inundated area shows how 3 additional feet of water moves across new areas of the landscape based on the land elevation profile.

Larger format maps are on the following pages.

West End & 1% Annual Chance Floodplain

MD iMAP, DO

FEMA provides communities with updated Flood Insurance Rate Maps (FIRMs) and Flood Insurance Study (FIS) Reports that focus on the probability of floods and that show where flooding may occur as well as the calculated 1-percent-annual-chance flood elevation. The 1-percent-annual-chance flood, also known as the base flood, has a 1% chance of being equaled or exceeded in any given year.



Maryland Coast Smart regulations that went into effect on September 1st, 2020 - now require State projects over $500,000 for construction or State funding to apply the corresponding horizontal limits of the higher 100-year + 3 feet inundation as indicated by the Coast Smart - Climate Ready Action Boundary (CS-CRAB).

The FEMA Floodplain Limit remains inundated with an additional 3 feet of water added to it. The Newly Inundated area shows how 3 additional feet of water moves across new areas of the landscape based on the land elevation profile or Digital Elevation Model (DEM). The map layers on this page illustrate that (A) the Digital Elevation Model, should be added to (B) the CS-CRAB Inundation Height to Indicate the Required CS-CRAB Elevation or (A) + (B)