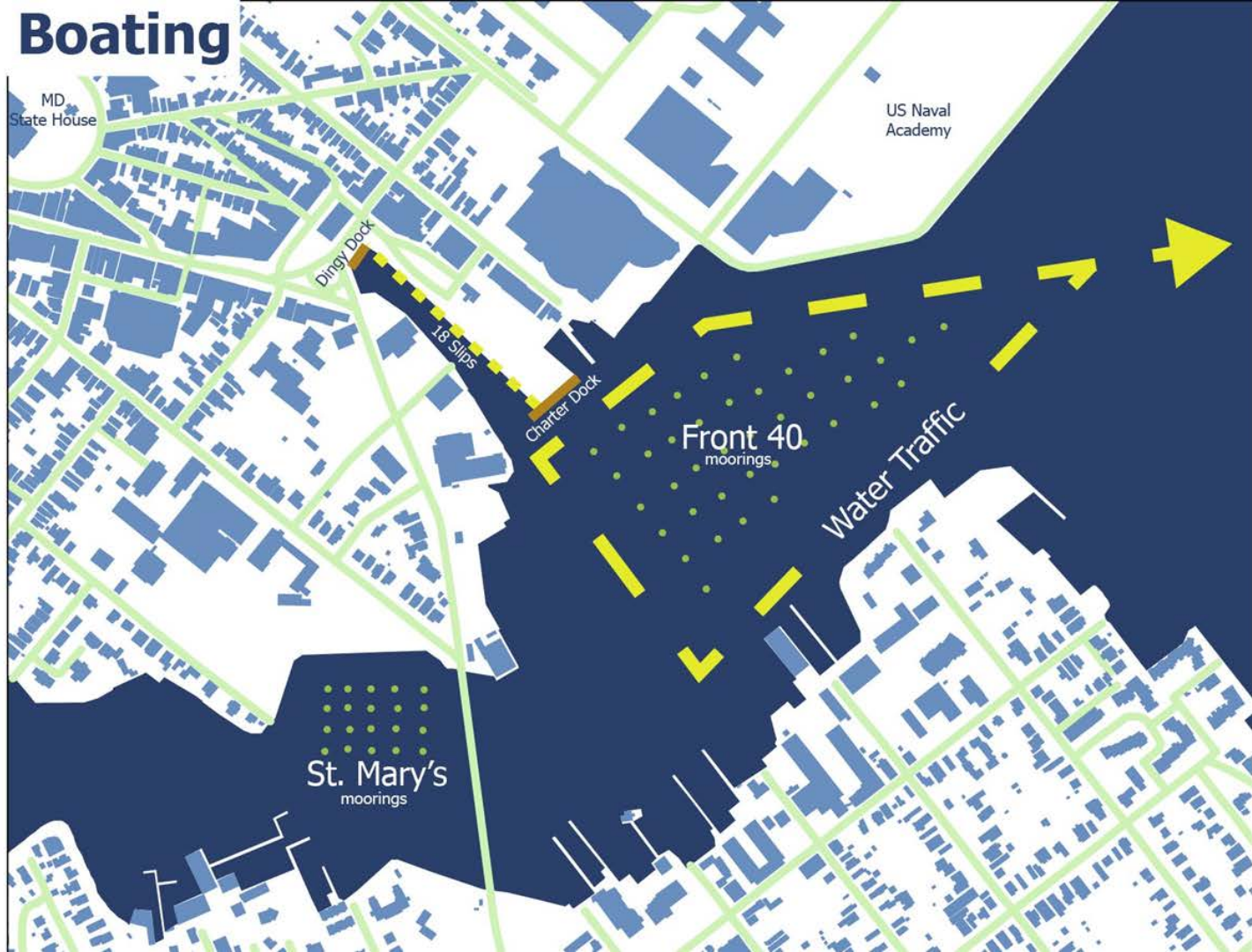


# Tidal Promenade

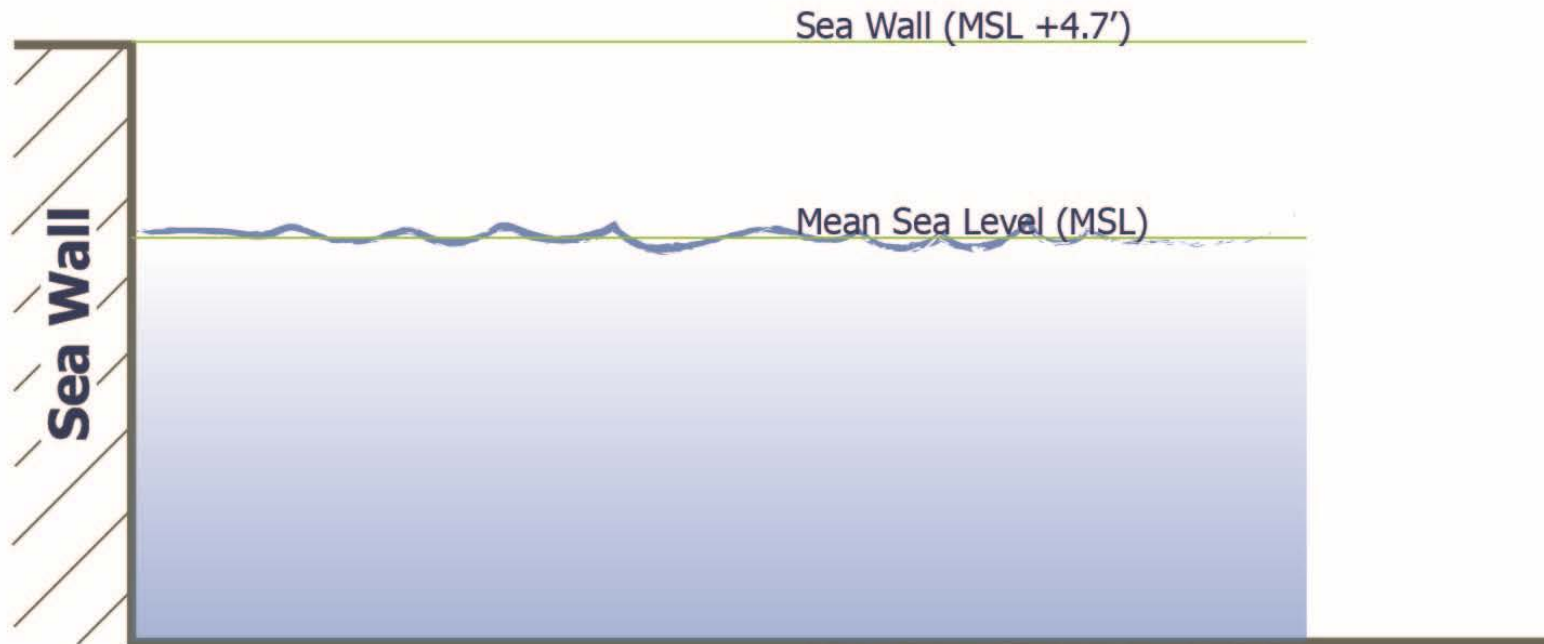
Dylan Reilly | LARC 748 | Dr. Chanse

# Boating





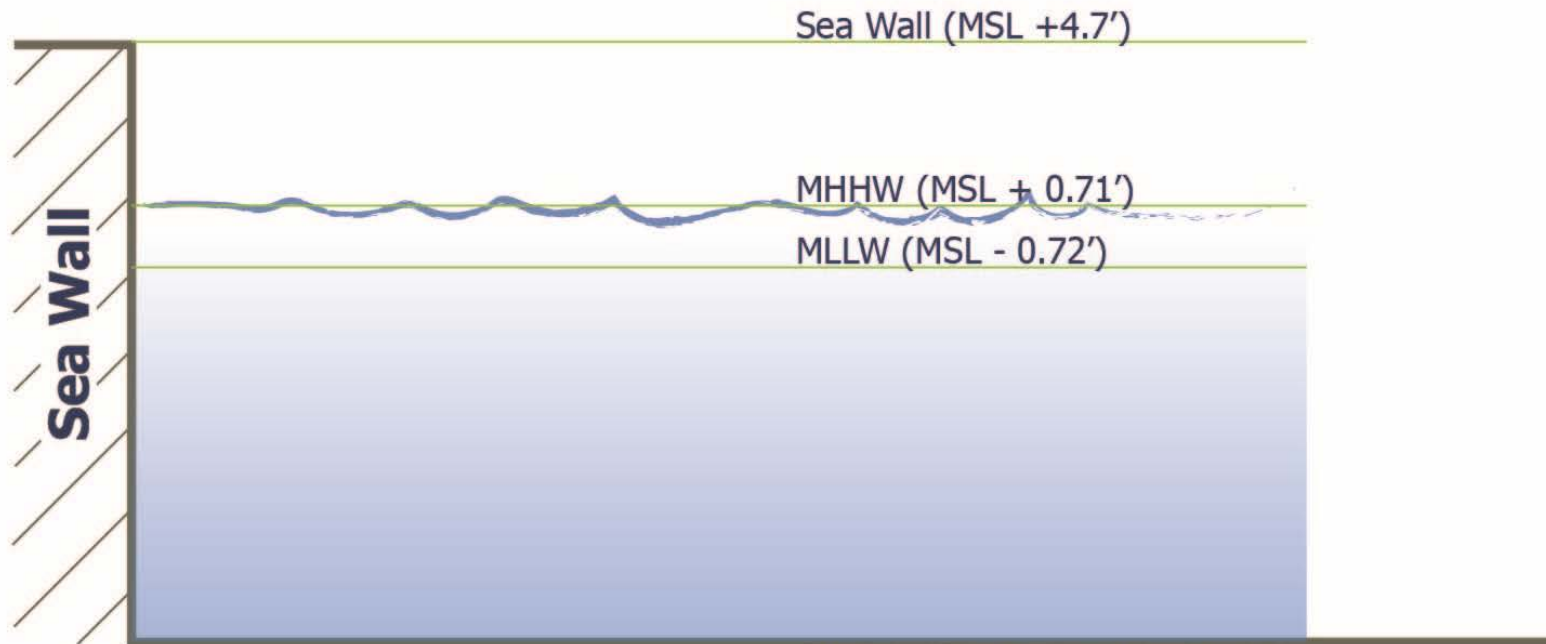
# City Dock Tides



(Data from NOAA Tides Station 8575512, Annapolis, MD. 2016)



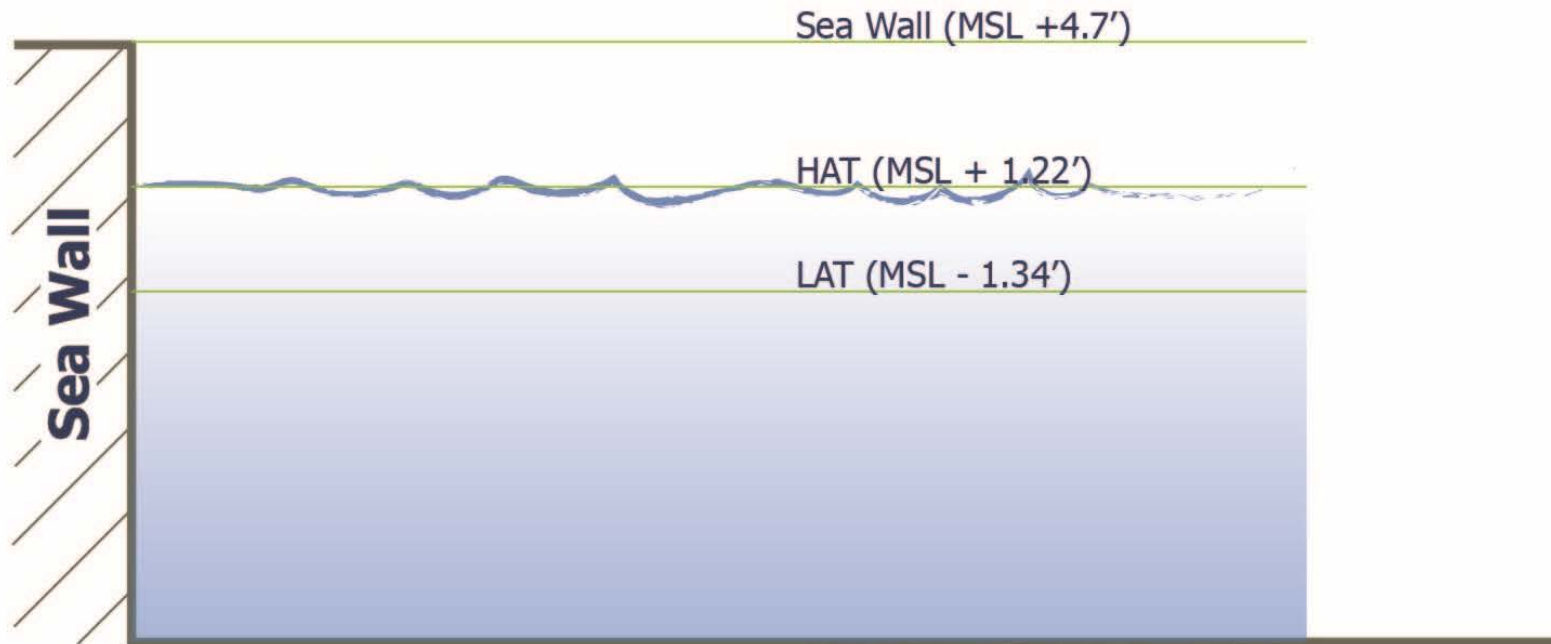
# City Dock Tides



(Data from NOAA Tides Station 8575512, Annapolis, MD. 2016)



# City Dock Tides



(Data from NOAA Tides Station 8575512, Annapolis, MD. 2016)



# City Dock Tides

Max. (MSL +6.44') 9/19/2003

Sea Wall (MSL +4.7')

Sea Wall



# Tidal Promenade

Precedent





# Roberto Burle Marx - Copacabana promenade, Rio de Janeiro





# DeltaWorks - Maeslantkering





# Sasaki Chicago Riverwalk



## Passive Flood Barrier - New York





# Andropogon - U.S. Coast Guard HQ



# Baltimore Aquarium Gardens





# Tidal Promenade

## Design Goals

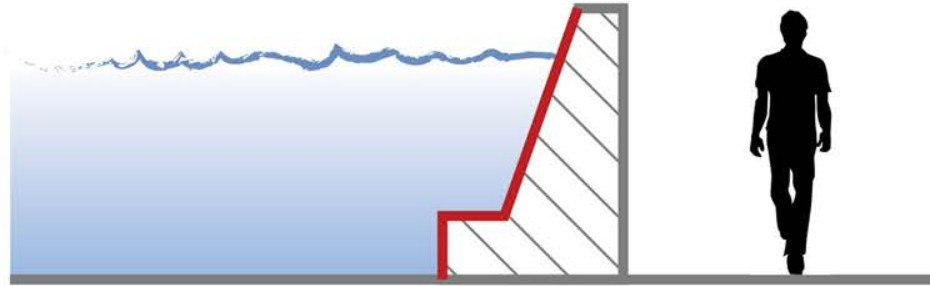
1. Protect City Dock from 3' sea level rise (2050) and 7' storm surge (Isabel)
2. Use plantings and forms to mimic coastal ecologies
3. Improve pedestrian experience of City Dock

# Flood Resiliency

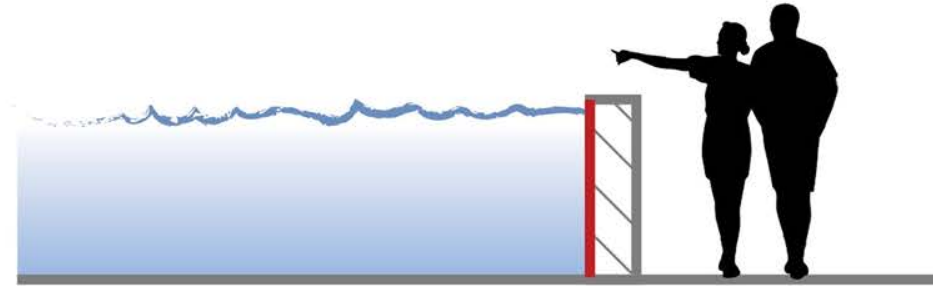


# Typology of Flood Resilience

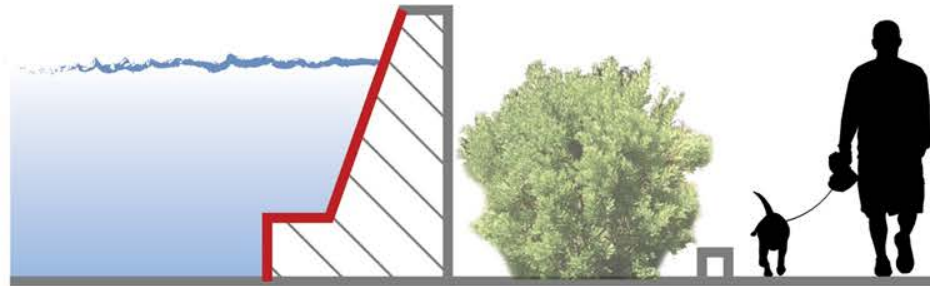
Seating



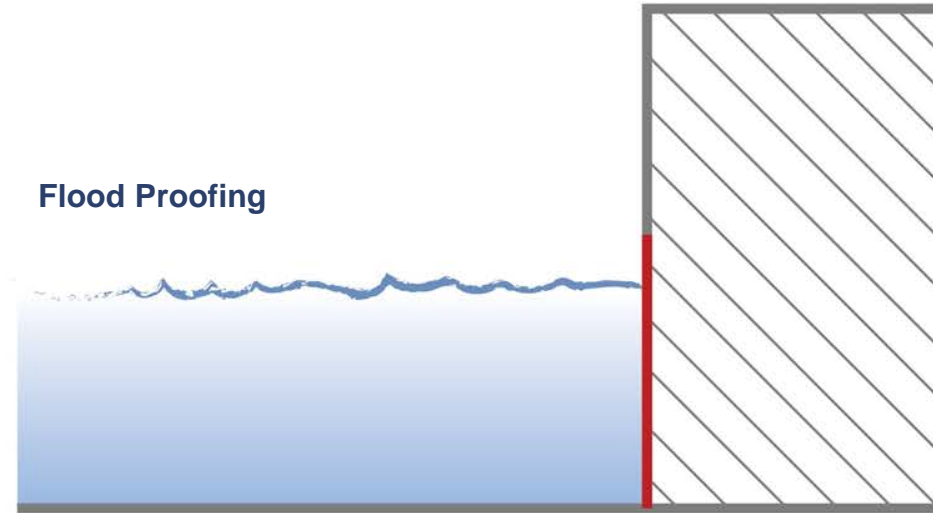
Garden Wall



Seating Planter



Flood Proofing



# Siteplan



- 1 - Market Plaza & Splashpad
- 2 - Outdoor Dining
- 3 - Sailing Plaza
- 4 - Urban Beach
- 5 - Brackish Marsh
- 6 - City Dock Lawn
- 7 - Flag Circle
- 8 - Kunta Kinte Memorial
- 9 - Promenade



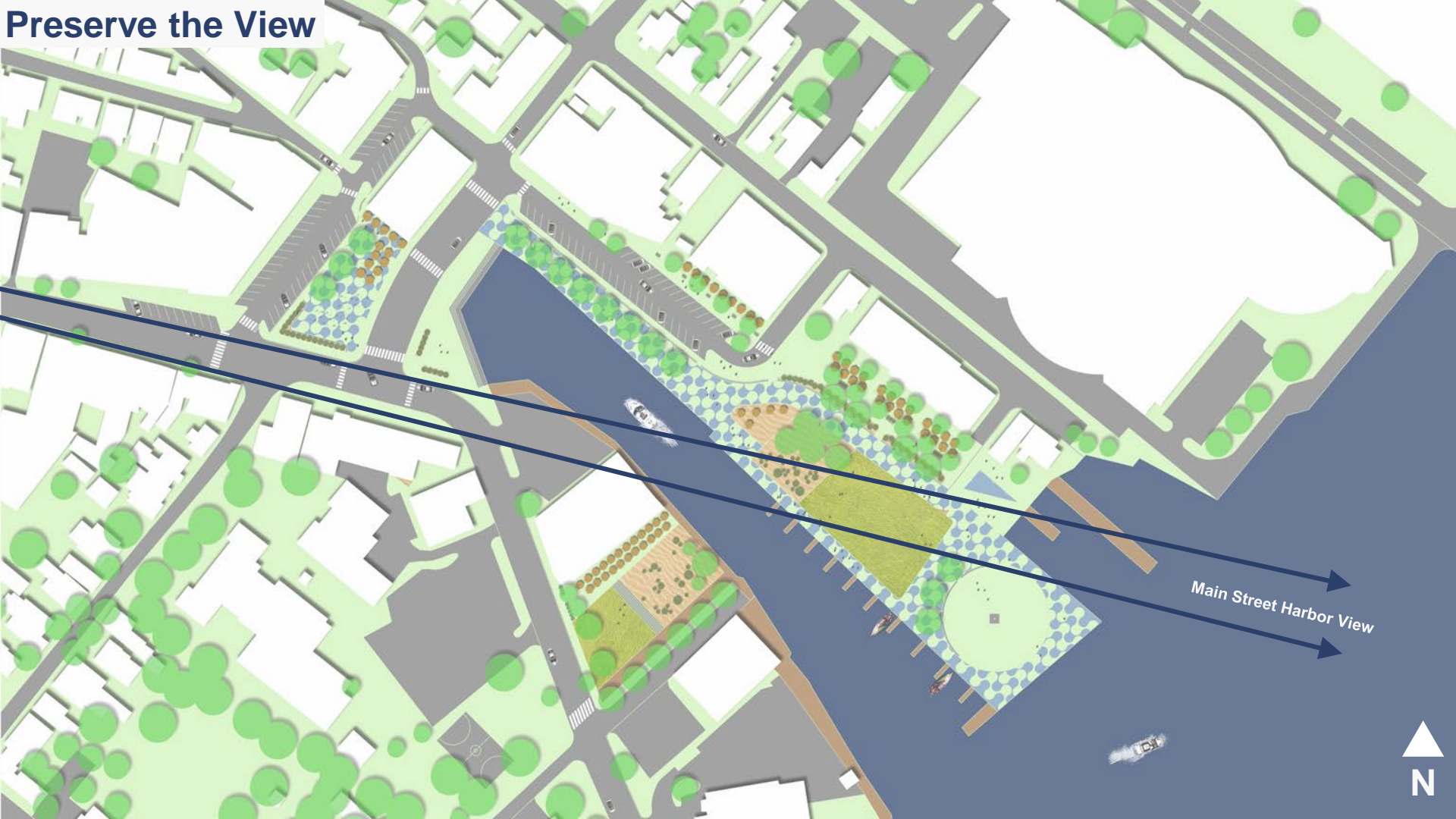
# Axes



Connection  
to Park



# Preserve the View



# Flood Resiliency



# Flood Resiliency



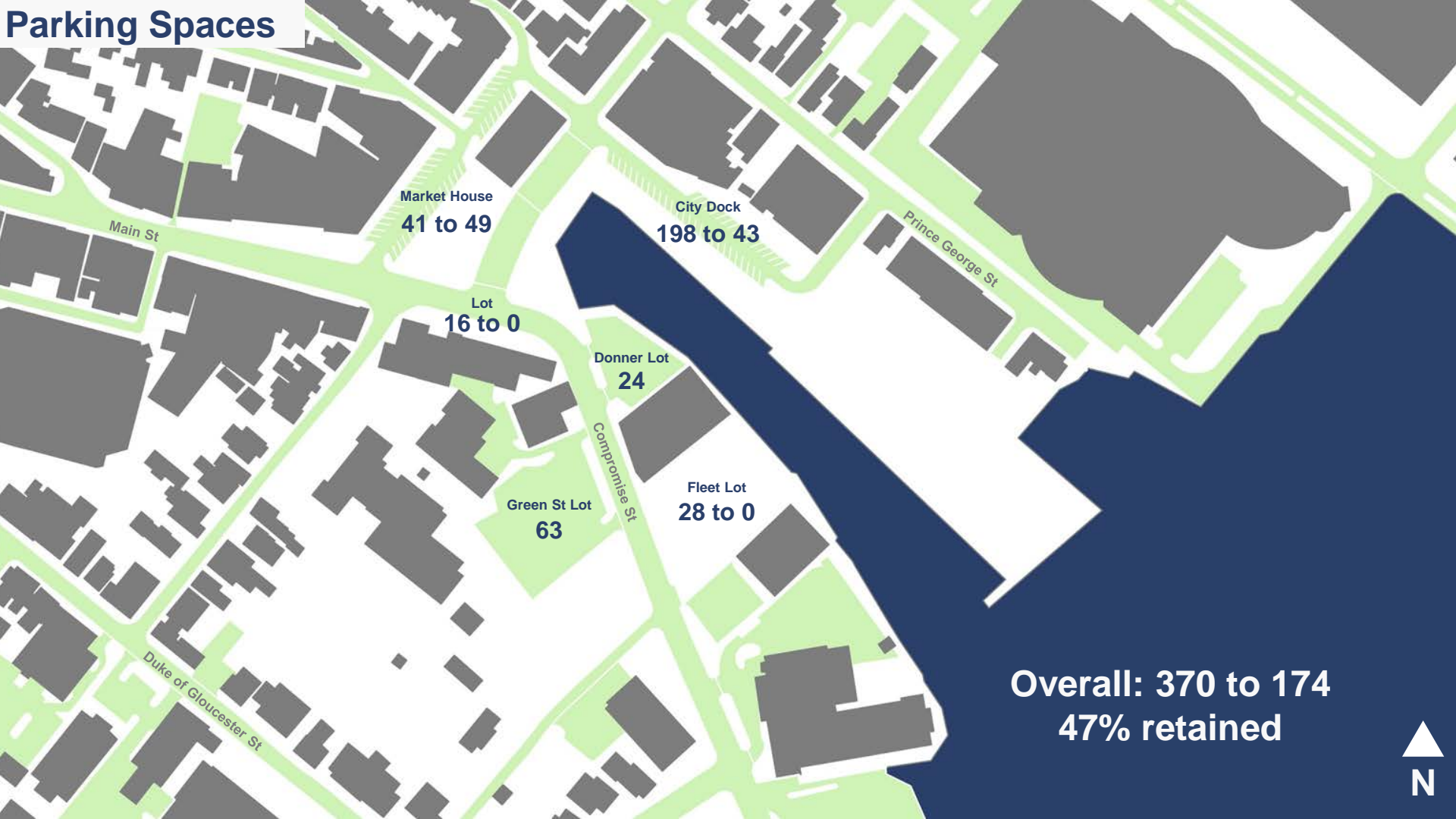
# Flood Resiliency



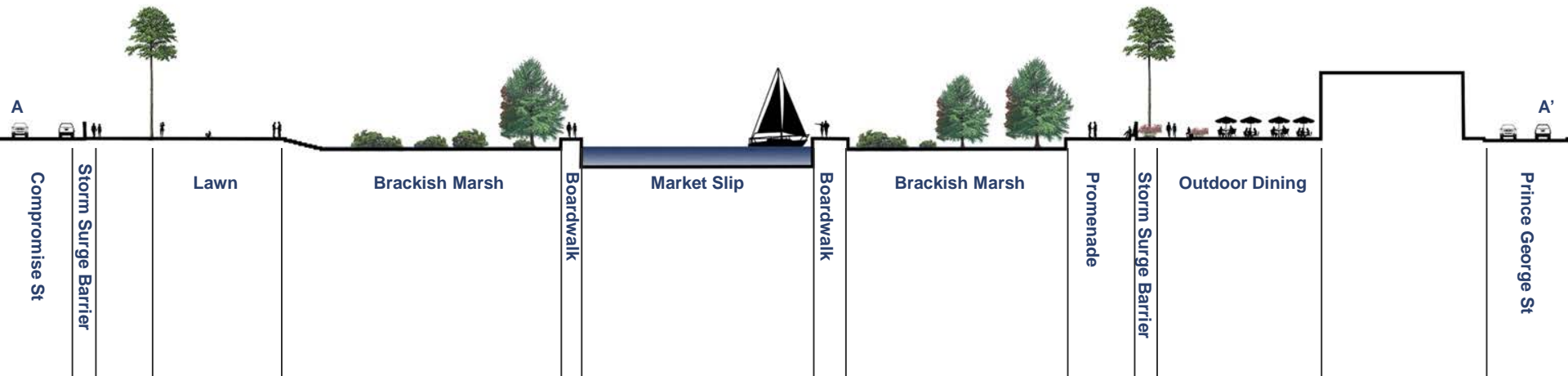
# Flood Resiliency



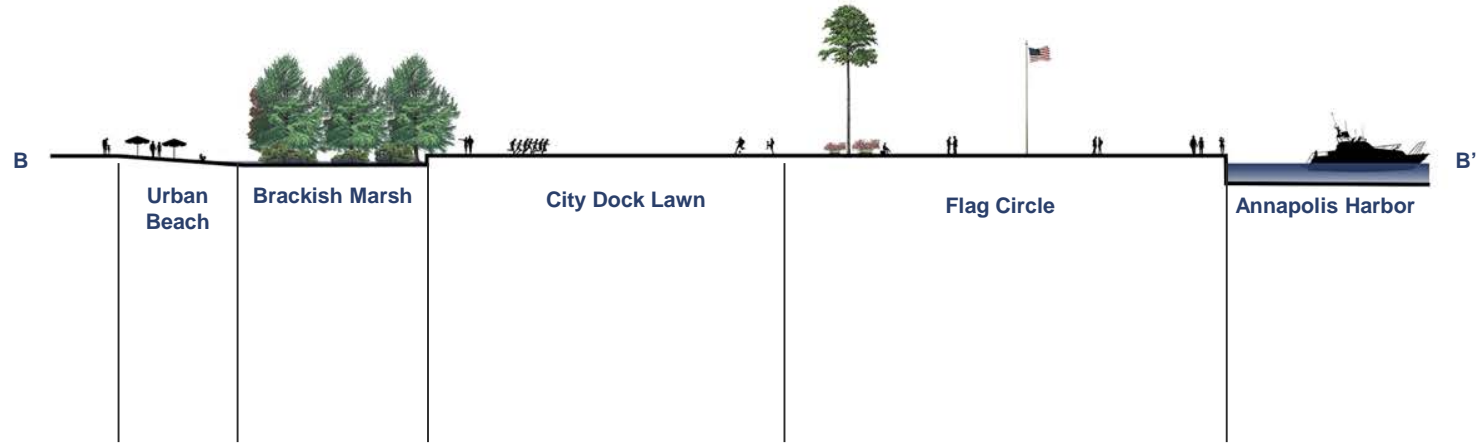
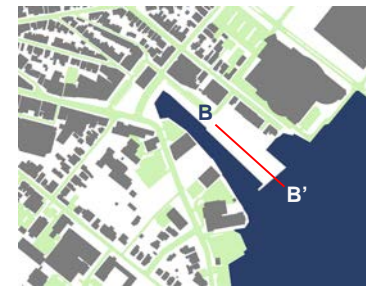
# Parking Spaces



# Section A - A'



# Section B - B'



# Urban Beach



# 2050 Storm Surge



# Flag Circle

