Annapolis in an Elevator

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Inventory and Analysis: Elevation
Inventory and Analysis: Parking
Inventory and Analysis: Views

To: Maryland State House

To: St. Anne Parish

To: Bay Bridge
Sea Level Rise and Storm Surge Scenario

- 5 - 8' Inundation
- 0 - 5' Inundation
Goals

- To protect the city dock of sea level rise and storm surge of 8 feet.
- To divert nuisance flooding water
- Create multi-layer of spaces
- Preserve views
- Improve pedestrian traffic
Re-imagine Promenade

- I started the promenade at the current height of the seawall, four (4) feet.

- The height of the promenade is 6 feet; sidewalk and dock street is 8 feet, and building 10 feet.
Precedents: Strandens Waterfront, Oslo, Norway
Event Space

- The event space is at a slight higher elevation compared to the street level, but not too steep to accommodate ADA accessibility.
Precedents: Navona Piazza, Rome, Italy
Dock Street is temporary closed in the middle of the day is have more a pedestrian experience
Wetland Park

- The wetland park is at the end of the dock and could have room for expansion depending on what the Naval Academy is doing to their shoreline.
Precedents: Hong Kong Wetland Park, China
Strategy: Elevate Development

- Blue symbolize the street being raised to 8 feet
- Green symbolized the building being raised to 10 or higher
Strategy: Elevate Development
Precedents: Miami, Florida
Strategy: Seawall

- This is the main seawall. It begins at the street level. Movable barrier will be put into place in anticipation during big events.

- However, for sea level rises. This is where they can build up to let the wetlands flourish and become a natural barrier.
Strategy: Pumps & Floodable Area

- The city was thinking about buying pumps to prevent flooding along Newman and Craig Street
- Instead of trying to flush water back into Market Slip, I am proposing to feed small wetland areas
Strategy: Living Shoreline

- The first line of defense for some of the dock is the Living Shoreline
Preserves Views

- This view is from Main Street down to the dock, where the event space, wetland park, and water are the terminal end.
Preserves Views

- Pedestrian Activity is a two-way street, so intentional breaks in the trees so people can look from the event and retail plaza up to Main Street
I propose two binocular at City Dock.

- One will be at the end to enhance the view to the Bay Bridge.
- The second will look at the Maryland State House. Due to the building being raised, it will have the current view of it before the building being raised.
After Design

5 - 8’ Inundation

0 - 5’ Inundation
Thank you

Comment or Questions?