



# SWAMPSCOTT PIER PROJECT

HARBOR & WATERFRONT ADVISORY COMMITTEE

January 6, 2022

# Status Updates

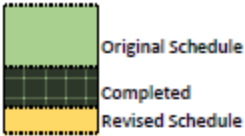
- RDA Filed and Negative Determination Granted 12/9/21
- Drilling Scheduled 1/17 and 1/18 Weather Depending
- Bathymetry Survey- Weather Dependent
- Preliminary Meeting held with MA DEP Water Quality Department on 12/9/21
- Group Meeting with Regulators – 1/11/22 – EPA, MA DEP, MEPA, DMF, CZM



## TIMELINE

Town of Swampscott

McAllister Marine Engineering

[illegible]

# CONCEPTUAL LAYOUTS

## Conceptual Layouts

- 7 different layouts
- Ranging from 441 feet long to 695 ft long
- Headlands near fish house, middle of beach and on other side parking lot
- Landing area near existing, and out further in deeper water

## Conceptual Layouts

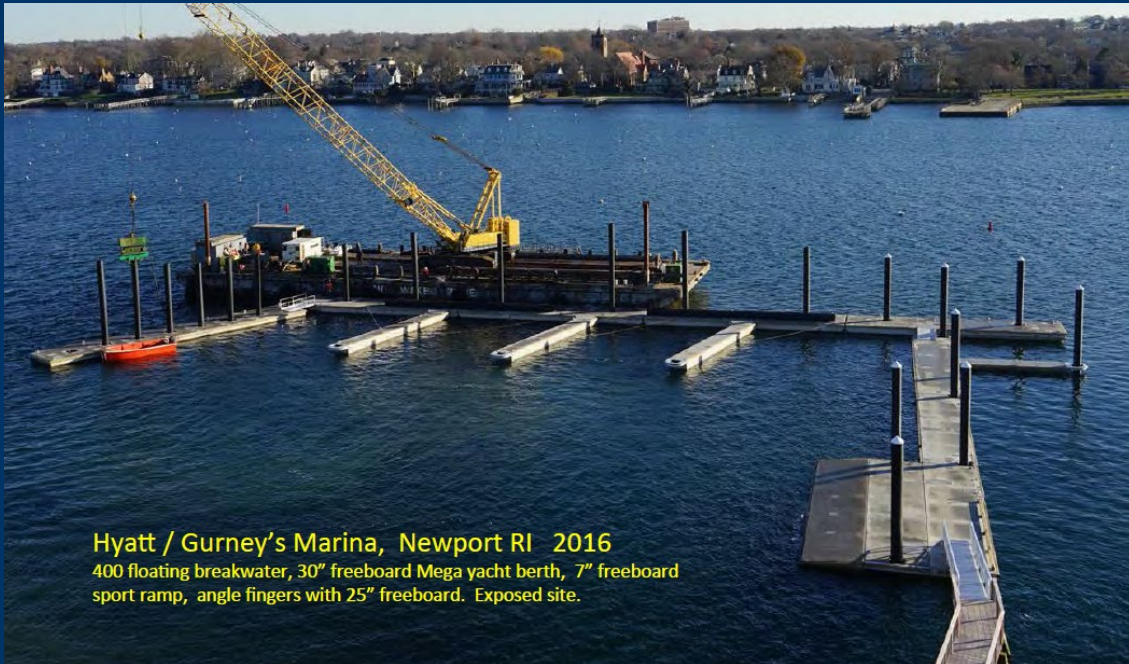
- Varying widths- 12 ft to 44 ft
- Elevation needs to be determined
- Too early for material decisions
- Boat ramp layouts and extension to deeper water
- Resiliency aspects for Fish House, Pier and Beach



# DESIGN APPROACH

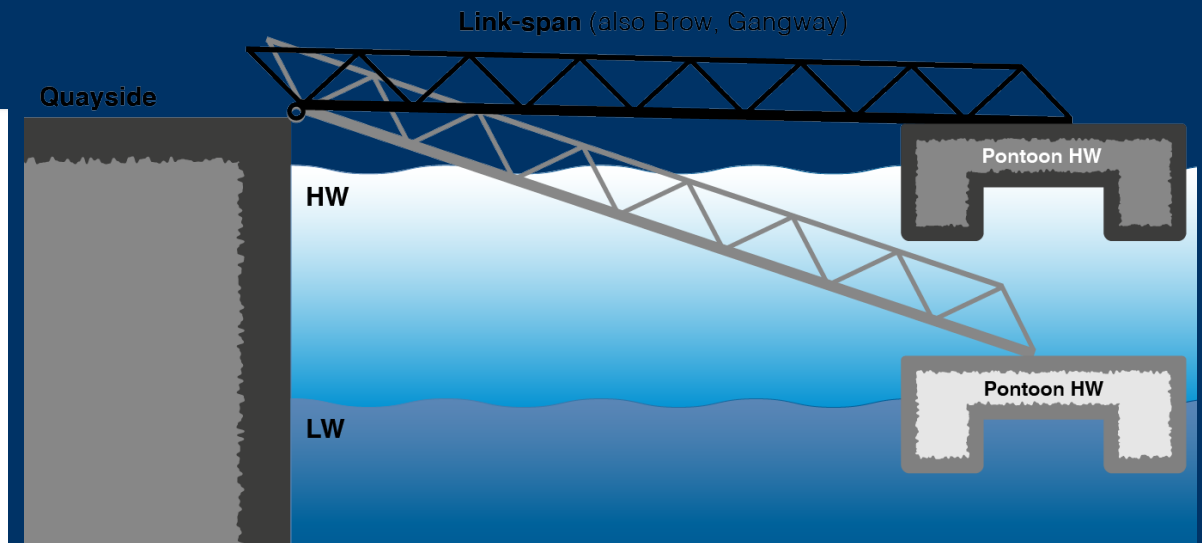
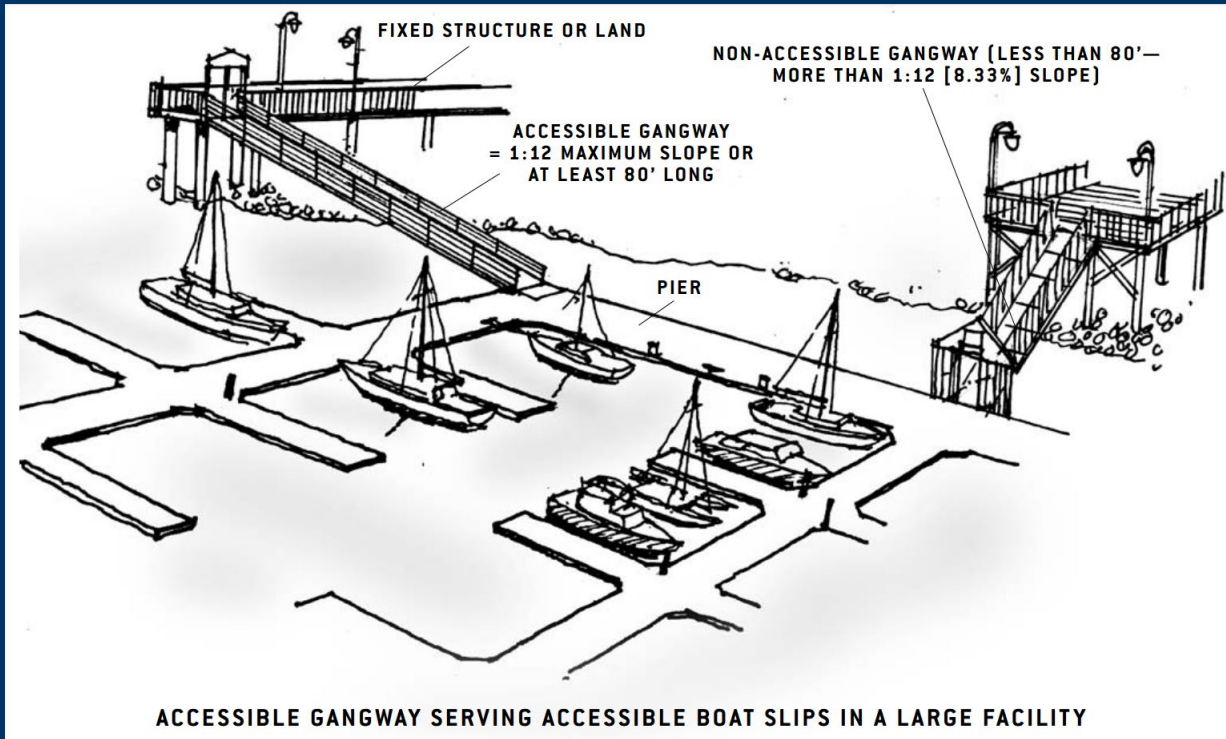
## Resiliency

- Floating Dock Wave Attenuators
- Geotube reinforced Berms
- Landscape Sculpting



# DESIGN APPROACH

## Deck Elevation and Gangways





# DESIGN APPROACH

## Divided Use Pier



# Desired Input

Preferences on:

- Headlands-Fish House or Parking Area
- Landing area- Near existing or into deeper water
- Boat Ramp – Location relative to pier
- Widths- 12 ft -44 ft
- Elevations - +14 ft to +20 ft
- Design Life - 30 yrs, 50 yrs, 75 yrs
- Wave Attenuator for Floating Docks
- Preference to allow tie up of sailboats

