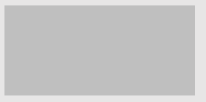
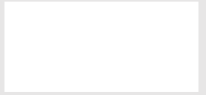


Strategy is effective in reducing impacts from a 1 % chance storm event **OR**
 Strategy is effective in reducing impacts from tidal inundation



Strategy may be effective for some storm protection



Strategy is no longer effective for reducing impacts from storm or tidal inundation



Strategy could be effective at an earlier time frame but is not necessary



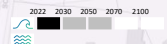
Wet Floodproofing

Wet floodproofing low-lying homes. No longer effective if water floods 1st floor. Consider elevating and wet floodproofing if water level exceeds 1.8' above grade.



Deployable Barriers

Deployable flood protection strategies (up to 48") for low lying Millfield St homes and structures along southwest Eel pond and Water Street. Identify location for communal storage.



- DEP Wetlands**
- Coastal Beach or Dune
 - Open Water
 - Rocky Intertidal
 - Management Area
 - Parcel Boundaries
 - Coastal Infrastructure

Management Area
Eel Pond
School Street

Maintain Character





Elevate low-lying Millfield corridor and rebuild homes with some elevation. Elevate corridor up to ~10 ft NAVD88.

2022 2030 2050 2070 2100

Elevate Millfield Road and Parcels

Elevate Eel Pond Bulkheads

Elevate Eel Pond seawalls and bulkheads (~42') backing parcels with commercial, residential and scientific use. Brings new critical elevation to ~8.5 ft NAVD88.

2022 2030 2050 2070 2100

Dry Flood Proofing

Dry flood proof structures (Scientific and Commercial). No longer viable if tidal inundation impacts the structures.

2022 2030 2050 2070 2100

Elevate Water St and Businesses

Elevate Water Street and businesses no higher than 9.5 ft NAVD88 tying into high spot on north side of water street.

2022 2030 2050 2070 2100


Flood Barrier

Construct flood control barrier at Eel Pond Channel at existing elevation of 7.75 ft NAVD88. Would need to be coordinated with other areas to prevent flanking.

2022 2030 2050 2070 2100



DEP Wetlands

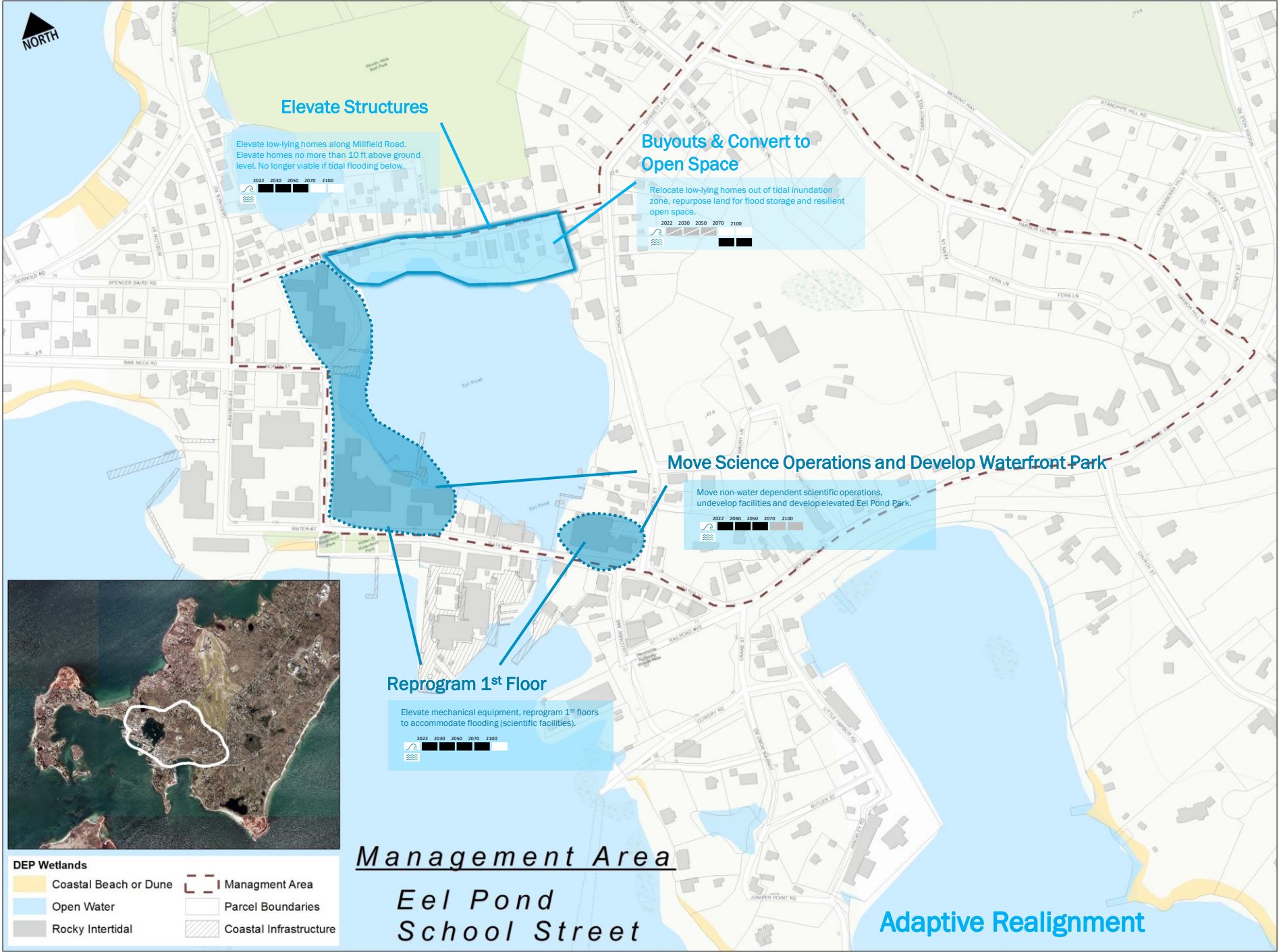
 Coastal Beach or Dune	 Management Area
 Open Water	 Parcel Boundaries
 Rocky Intertidal	 Coastal Infrastructure

Management Area

Eel Pond

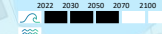
School Street

Protect/Connect



Elevate Structures

Elevate low-lying homes along Millfield Road. Elevate homes no more than 10 ft above ground level. No longer viable if tidal flooding below.



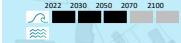
Buyouts & Convert to Open Space

Relocate low-lying homes out of tidal inundation zone, repurpose land for flood storage and resilient open space.



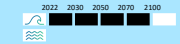
Move Science Operations and Develop Waterfront Park

Move non-water dependent scientific operations, undevelop facilities and develop elevated Eel Pond Park.



Reprogram 1st Floor

Elevate mechanical equipment, reprogram 1st floors to accommodate flooding (scientific facilities).

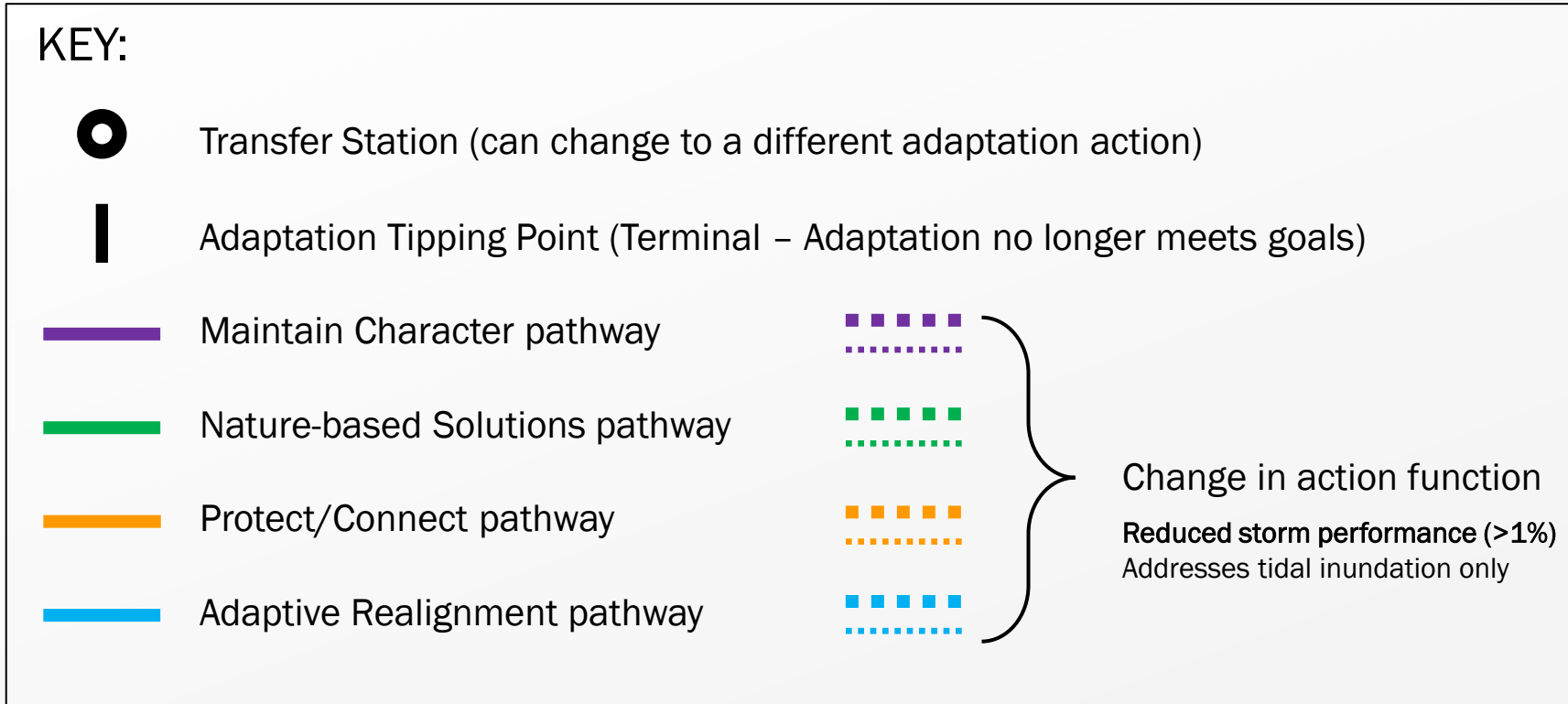


- DEP Wetlands**
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Management Area
Eel Pond
School Street

Adaptive Realignment

Dynamic Adaptation Pathways for Woods Hole



Eel Pond Area

