

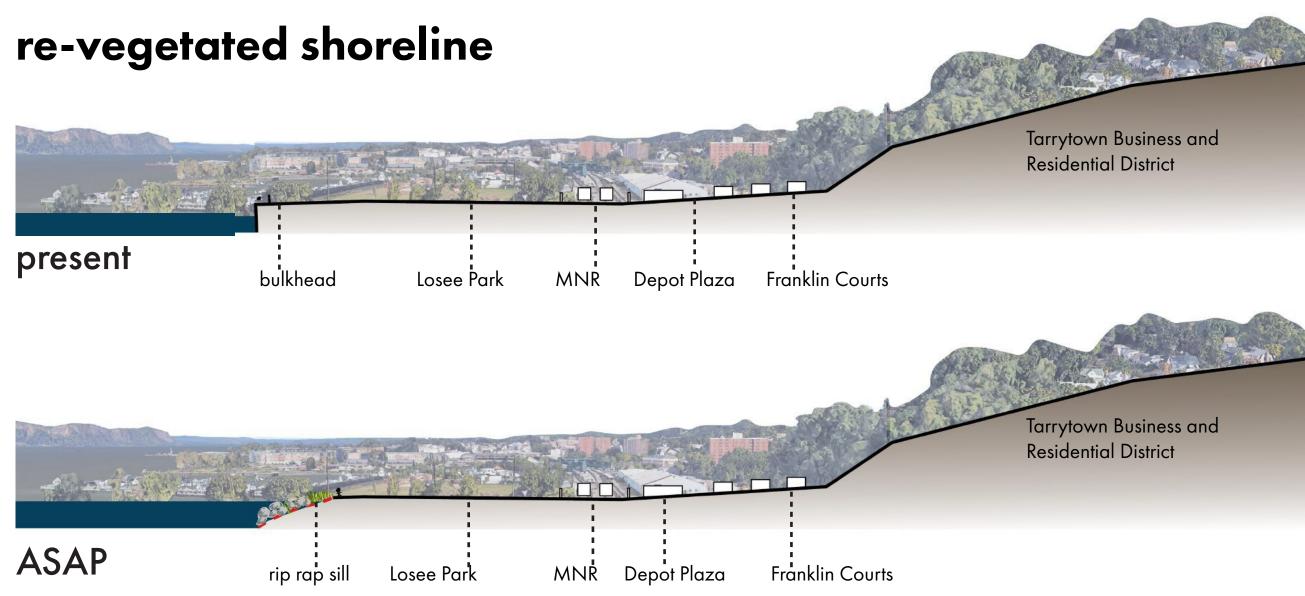
### pedestrian network river walk edge shifted back 10' marsh type breakdown High Marsh Pierson Park Edge Low Marsh marsh area present -Losee Park Edge **ASAP** Plant and Animal Species rip rap sill Mean High Water Mean Low Water Fill Material rip rap Mean High Water Filter Cloth Hilary Mulford BSLA '23

# ASAP from bulkhead and rip rap to rip rap sill and tidal flat



Phase one of this project aims to propose changes that can be made in the present day with minimal effort and low cost compared to other possible changes. In order to set up a successful transition to a marsh habitat rich waterfront, the first step is softening of the shoreline. In this case, a rip rap sill will serve this purpose. A rip rap sill is a constructed inter-tidal zone planted with native marsh plants that creates important ecological space as well as serves as a buffer from storm surge .









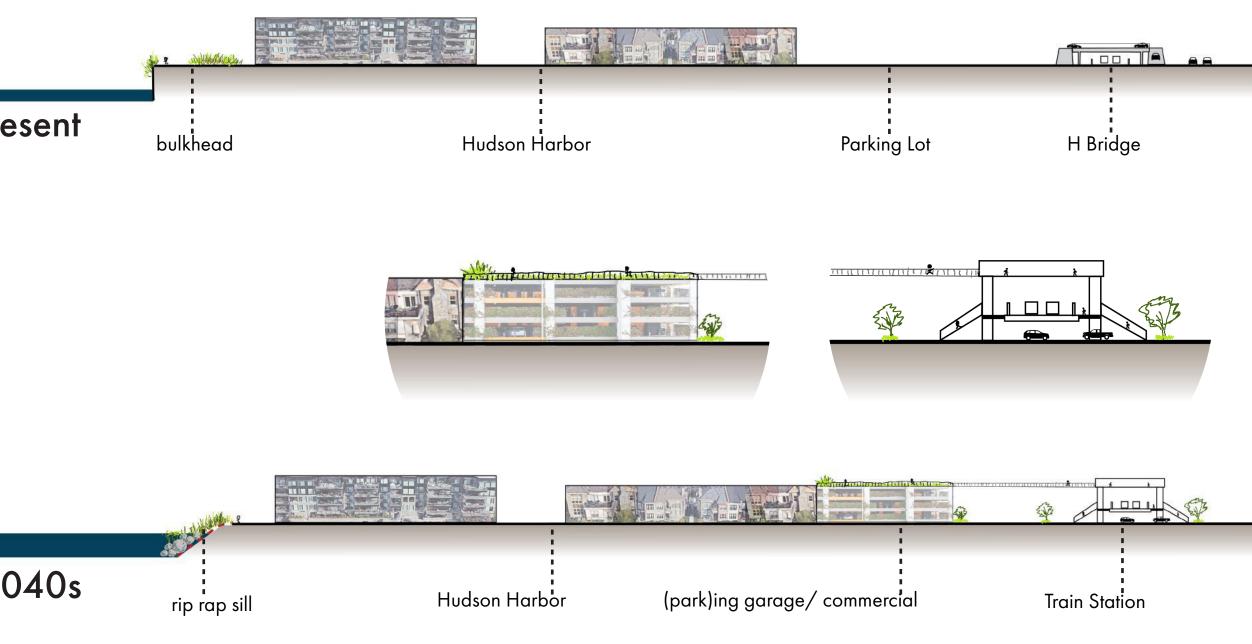
### 20405 raised MNR, relocated station, fields to flats



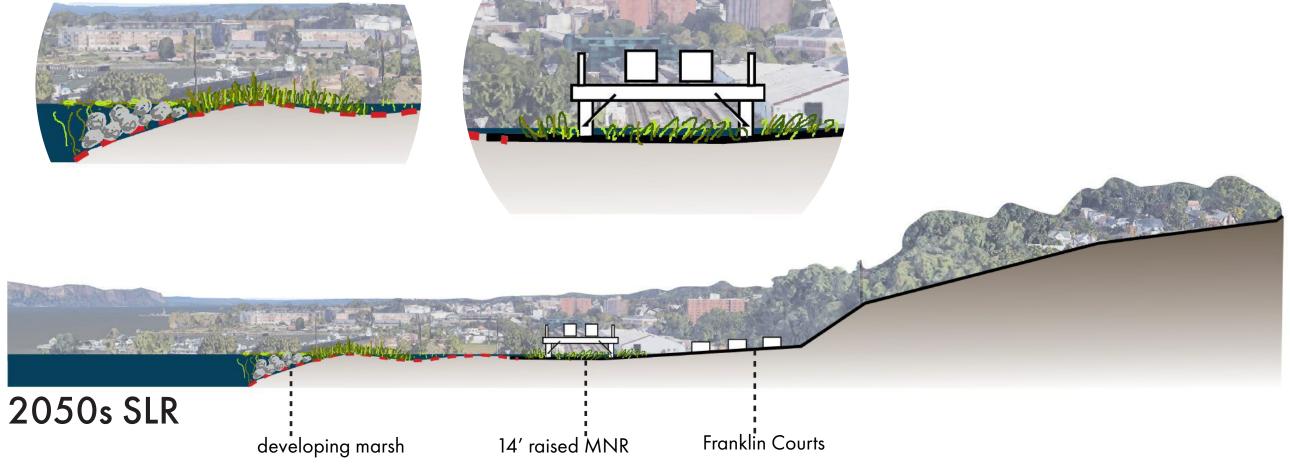
In phase two of this proposal there is an assumption made that the Hudson Line Metro North will be raised to a height of 14 ft as decided by MTA in the next few years. 14 ft is the federal minimum for bridge heights. In Tarrytown, this would allow for easier access to the waterfront and an opportunity for safer pedestrian circulation. This phase also sees the relocation of the train station to higher, more northern ground. This new train station location has the possibility to be a center for economic development and connection between train riders and Tarrytown's waterfront and downtown. Finally, Losee Park, Depot Plaza, and the Marinas will be turned into inter tidal marsh.



#### regrading of Losee Park and a 14' lift for MNR



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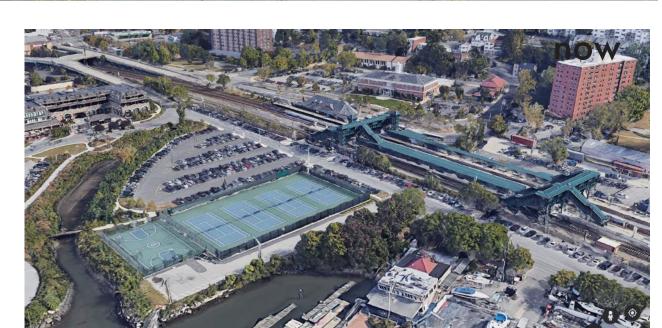




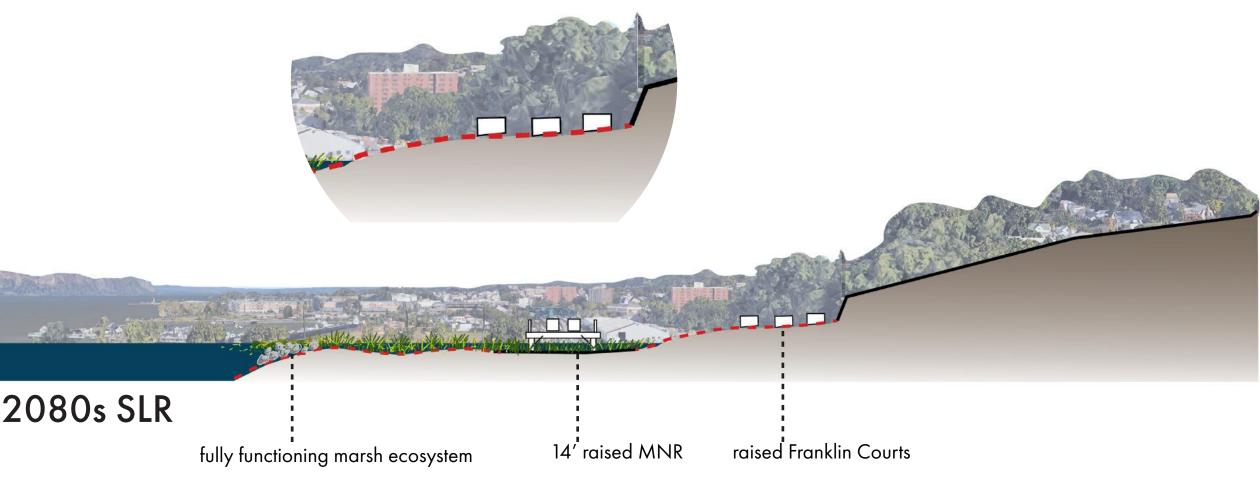
## 20705 Franklin Courts, Terrace, Rec Center Relocation



In the final phase of this project is a regrade and redevelopment of the Franklin Courts community in order to protect them from inundation in the future. As part of this plan, I propose that a sea wall combined with terraced steps down to the new water's edge be implemented in order to allow residents access to the new ecologically rich marsh area. Not only will residents have access to this ecosystem for recreation, it will serve as important habitat for wildlife, and will act as a buffer from storm surge protecting the town.



#### Franklin Courts Regrade and Marsh Development



### Losee Park Revegetated Edge

