



US Army Corps
of Engineers®
New York District

NY-NJ HATS – 106th STREET (HARLEM) ELEVATED PROMENADE CONCEPT

EXISTING CONDITION (ACTUAL PHOTO)



PROPOSED CONCEPT (DIGITAL RENDERING)

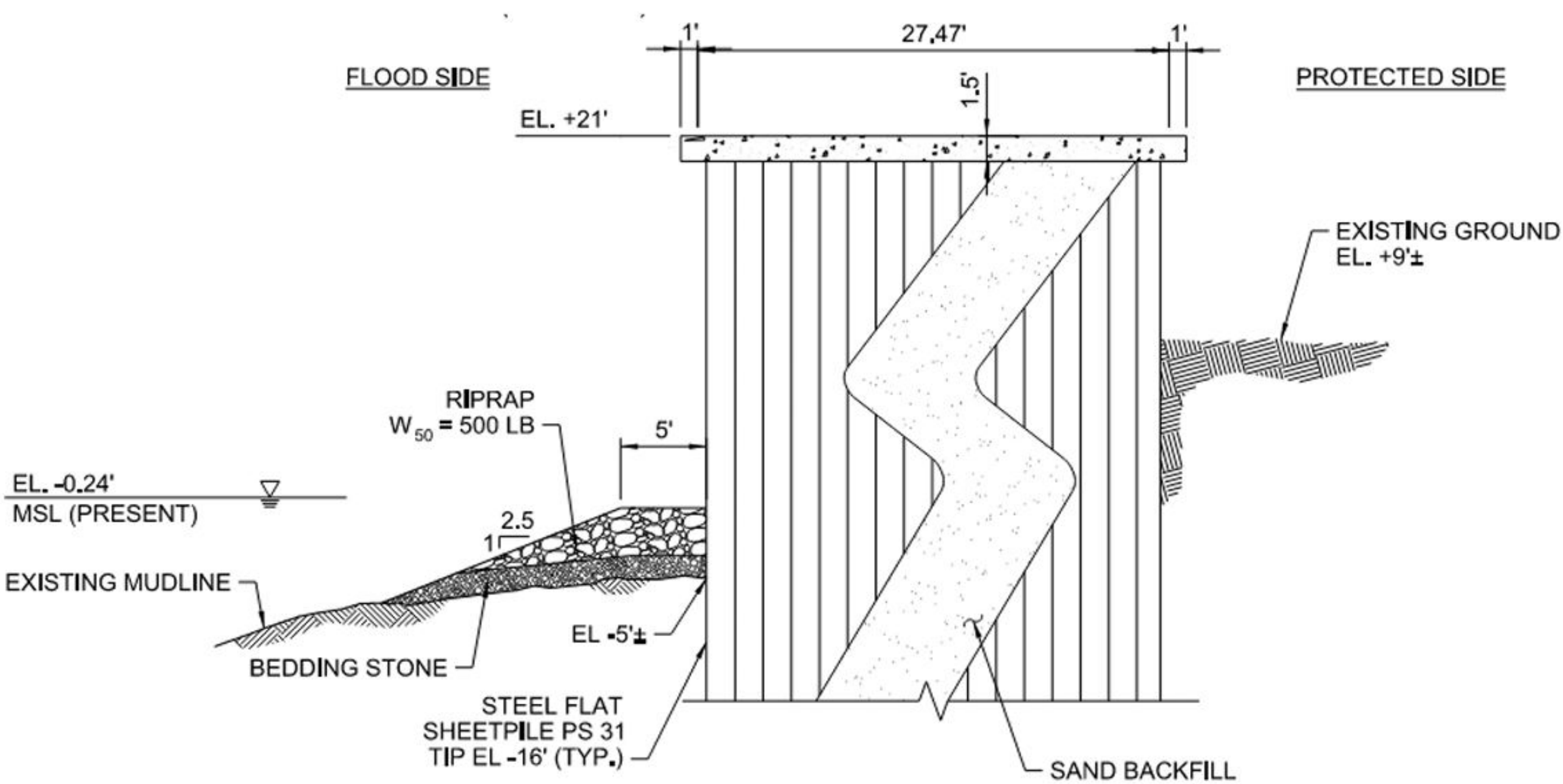


ELEVATED PROMENADE DESCRIPTION

The prototypical elevated promenade concept seeks to preserve a waterfront space and view that is available to the public yet still able to provide flood risk reduction. The elevated promenade consists of a 27.47-foot diameter steel flat sheet cofferdam with sand backfill inside, and a reinforced concrete cap of 18-inch thick. The existing ground and existing mudline were assumed to be El. 9' and El. -5', respectively.

The elevated promenade was assumed to be constructed along the shoreline to replace an existing promenade. Temporary structures will likely be needed to shore up the existing promenade during demolition and construction. Detailed design would be completed during later stages of the study when site specific parameters are available.

TYPICAL ELEVATED PROMENADE CROSS-SECTION



LOCATION MAP



DISCLAIMER: These renderings are artistic depictions of the features in NYNJHAT Study Tentatively Selected Plan (Alternative 3B) as of September 2022. **They are initial concepts used for illustrative purposes only and are subject to change.** The renderings are intended to promote a discussion of the study objectives and potential coastal storm risk management solutions. The selection of the final plan elements will be determined during the Pre-Construction, Engineering, and Design phase, and will incorporate stakeholder feedback that was obtained during the study's public comment period.