

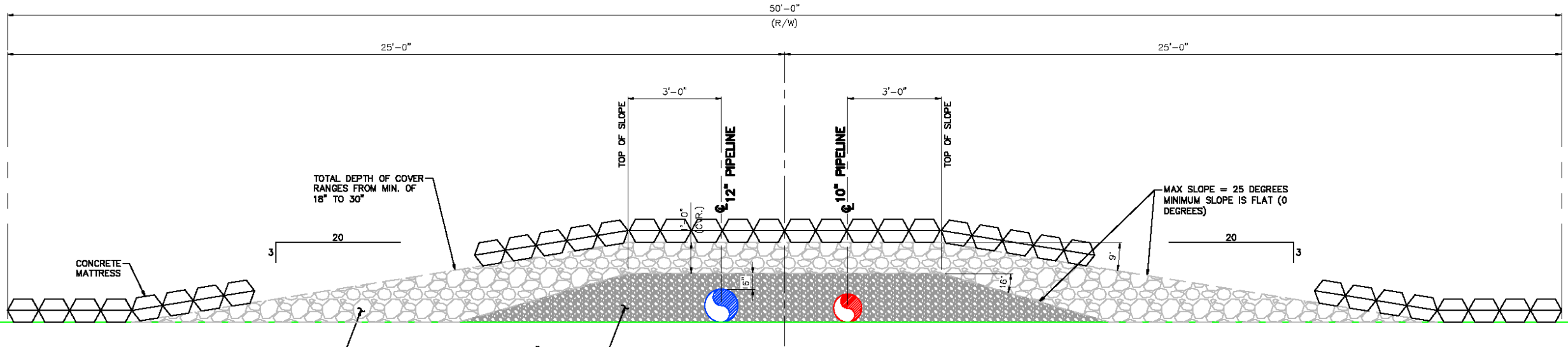
SAN FRANCISCO PIPELINE COVER RESTORATION PROJECT

ROWAN YELTON, COASTAL PROGRAM ANALYST

SEPTEMBER 4, 2025

PROJECT CONSTRUCTION AND BAY FILL

- Repair exposed sections of a pipeline corridor with an 18 to 30-inch thick layer of pea gravel, rock riprap and concrete revetment mats
- Fill:
 - 585 feet long
 - 0.53 acres
 - 1,255 cubic yards



ENVIRONMENTAL IMPACTS

- Notable impacts
 - Solid fill in the Bay
 - Loss of subtidal habitat
- Special Conditions
 - In-water work window
 - Rock and gravel placement methods
 - Post construction report
- Compensatory Mitigation
 - Contribute \$750,000 to fund enhancement of a 1.2 acre intertidal area in Richmond, near the old Terminal 4
 - Remove 300 tons of concrete, creosote-treated wood, and other debris
 - Regrade the shoreline, install 2,000 native plants and 50 shellfish reef balls to enhance habitat and protect the shoreline from sea level rise.

ISSUES RAISED

- McAteer-Petris Act and San Francisco Bay Plan
 - Bay Fill
 - Fish, Other Aquatic Organisms and Wildlife
 - Subtidal Areas
 - Mitigation

STAFF RECOMMENDATION

- Recommend Approval with Conditions
 - Environmental Protection during Construction: Construct during approved work window, use appropriate rock and gravel placement methods to minimize temporary impacts.
 - Mitigation: Contribute \$750,000 to the Coastal Conservancy to fund the enhancement of a 1.2 acre subtidal area in the City of Richmond.