

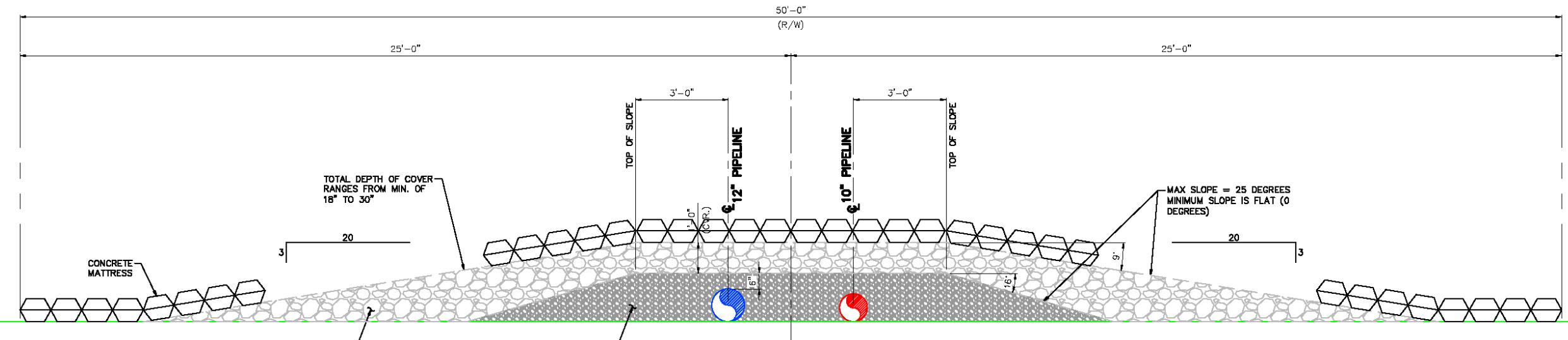
# SAN FRANCISCO PIPELINE COVER RESTORATION PROJECT

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# 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.