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Th8a

9-25-0512

(City of Fort Bragg)

December 11, 2025

EXHIBITS

Exhibit 1 – Project Location and Site Maps

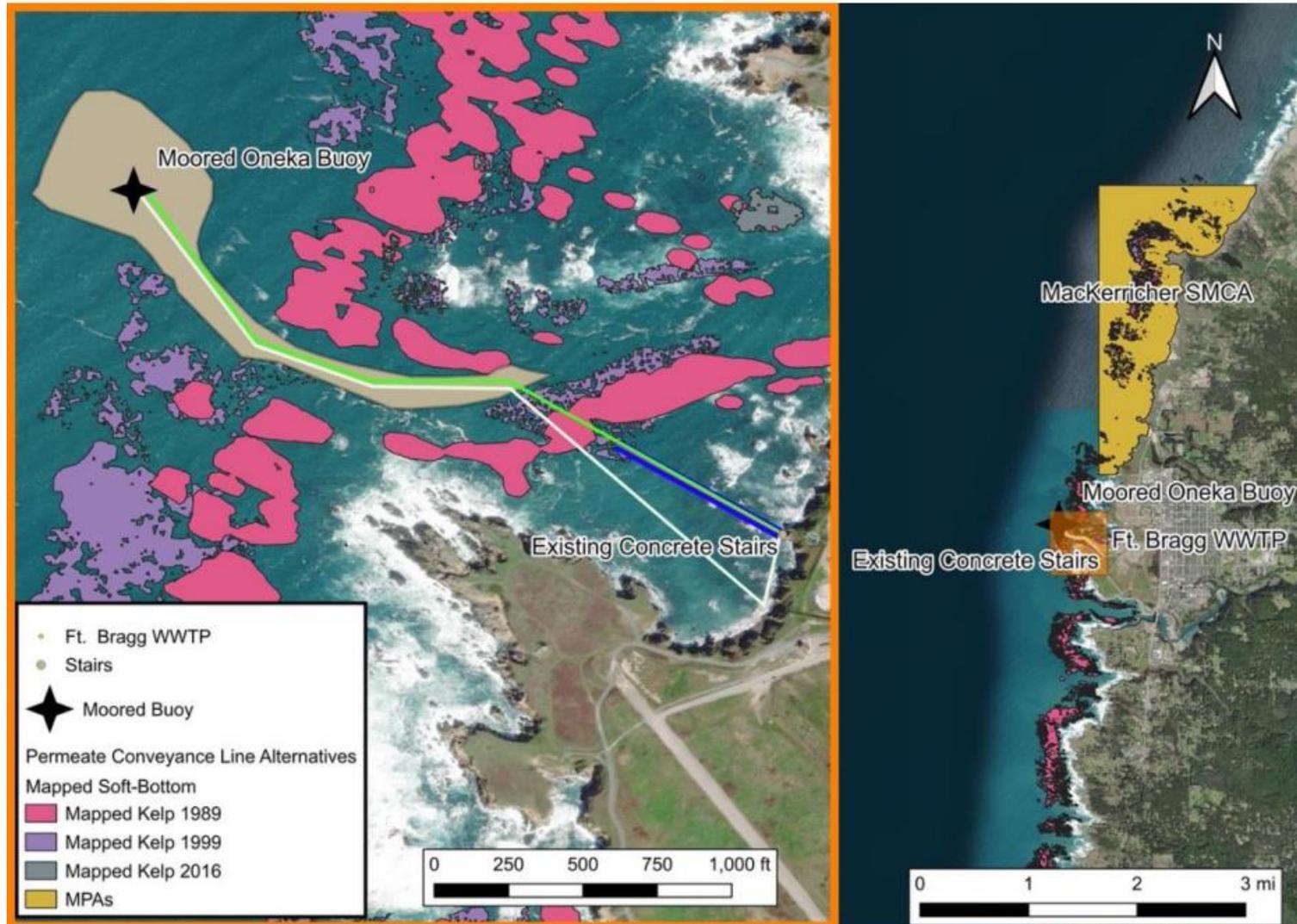
Exhibit 2 – Schematic Diagrams of Proposed Desalination Buoy and Pipeline

Exhibit 3 – Onshore Site Photos

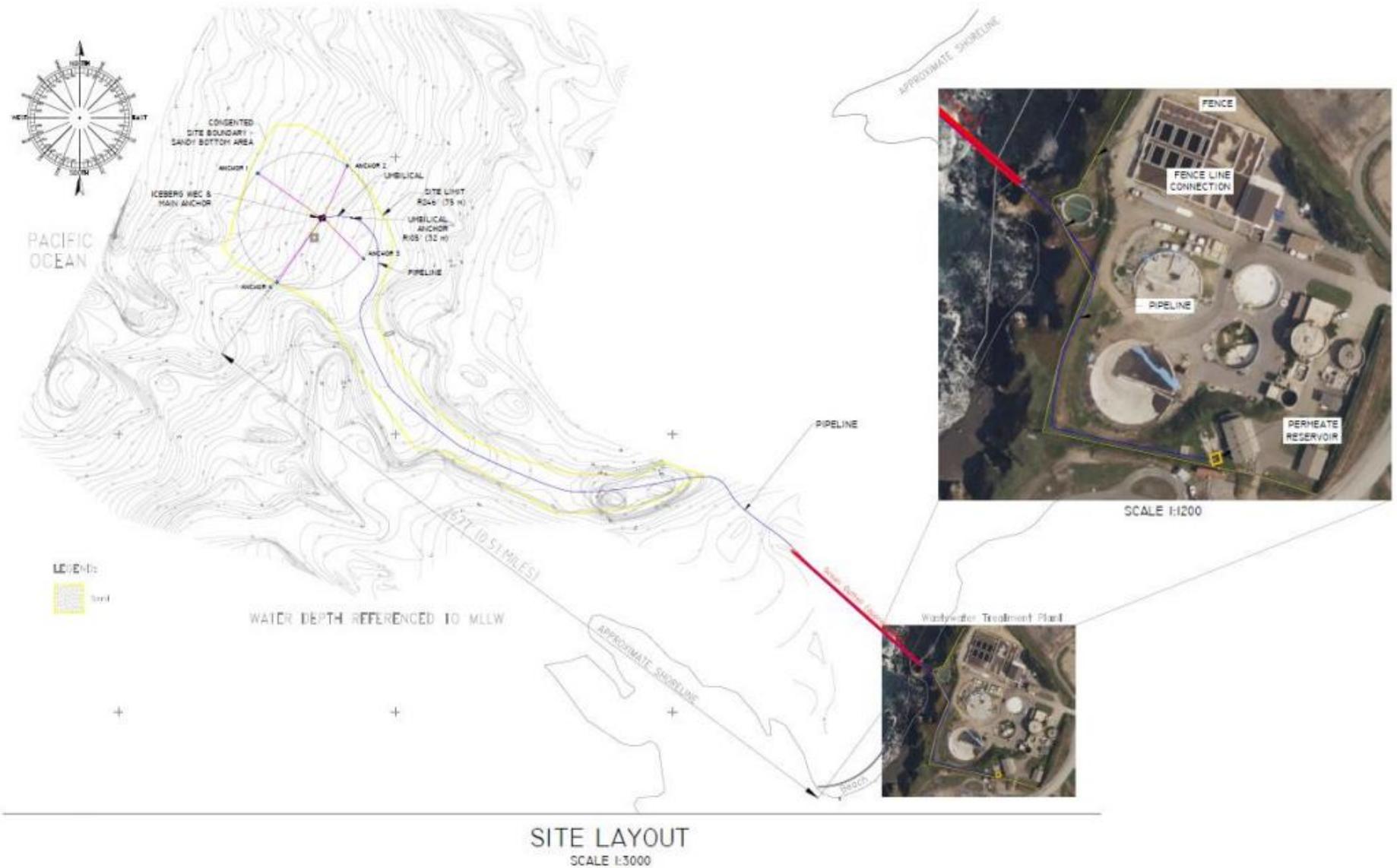
Exhibit 4 – Location of Cormorant Rookery

Exhibit 5 – Representative Seafloor Photos

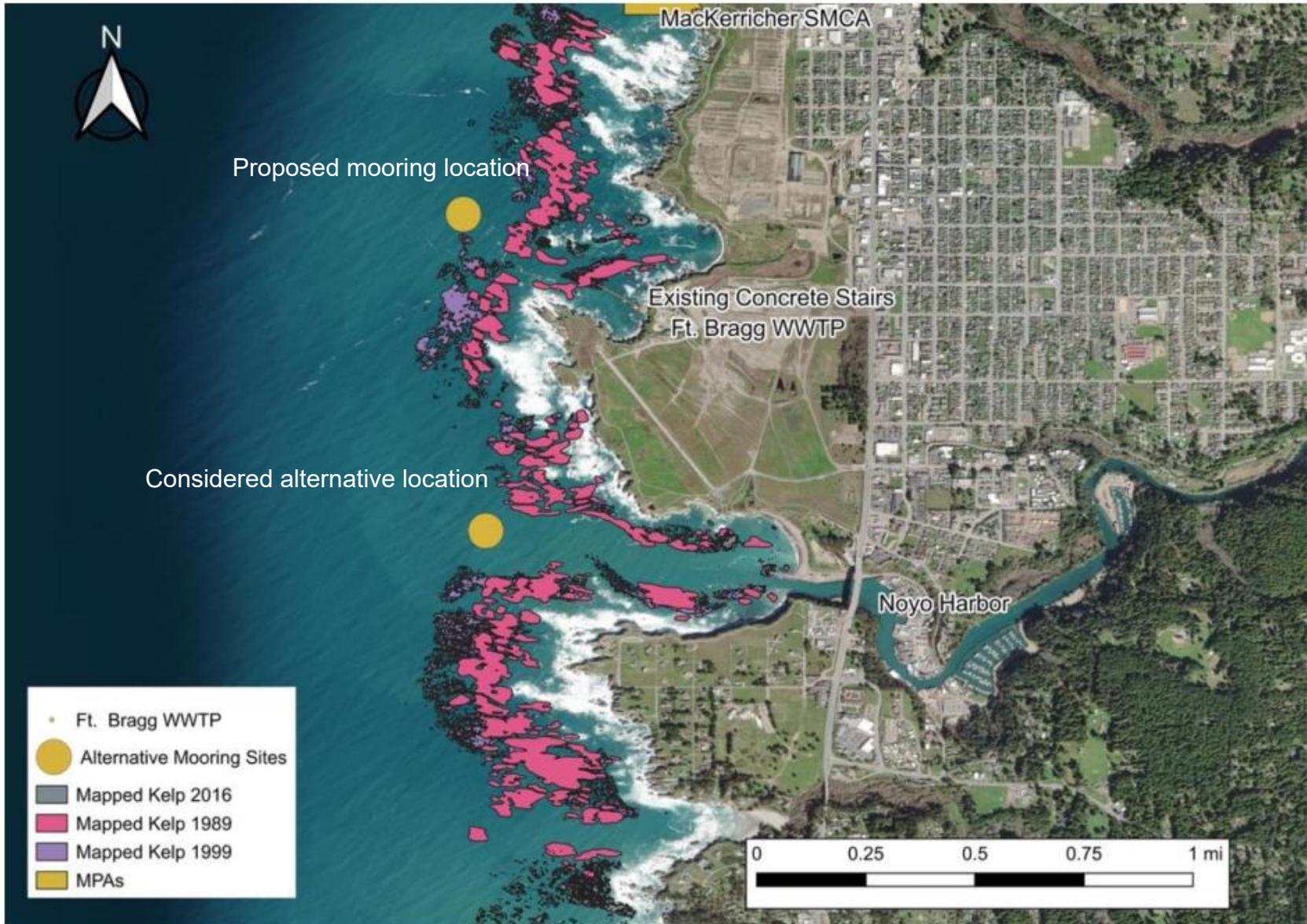
Exhibit 1 – Project Location and Site Maps



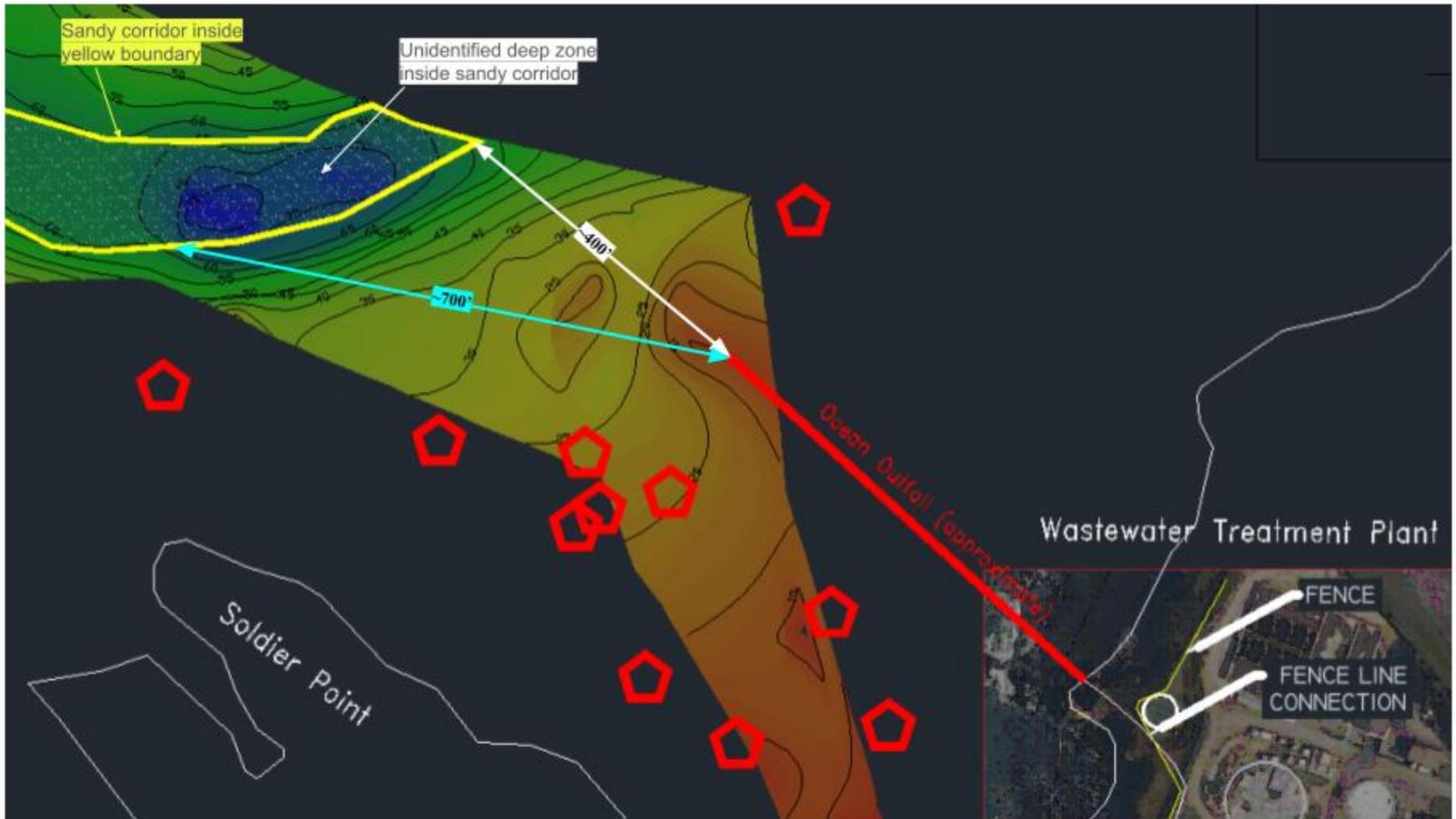
Map of the proposed pilot project and surrounding habitat, existing infrastructure, and location of the nearest Marine Protected Area (MPA). Mapped kelp areas drawn from the California Department of Fish and Wildlife's Marine GIS. Green (preferred) and white (alternative) permeate conveyance lines depicted on the map.



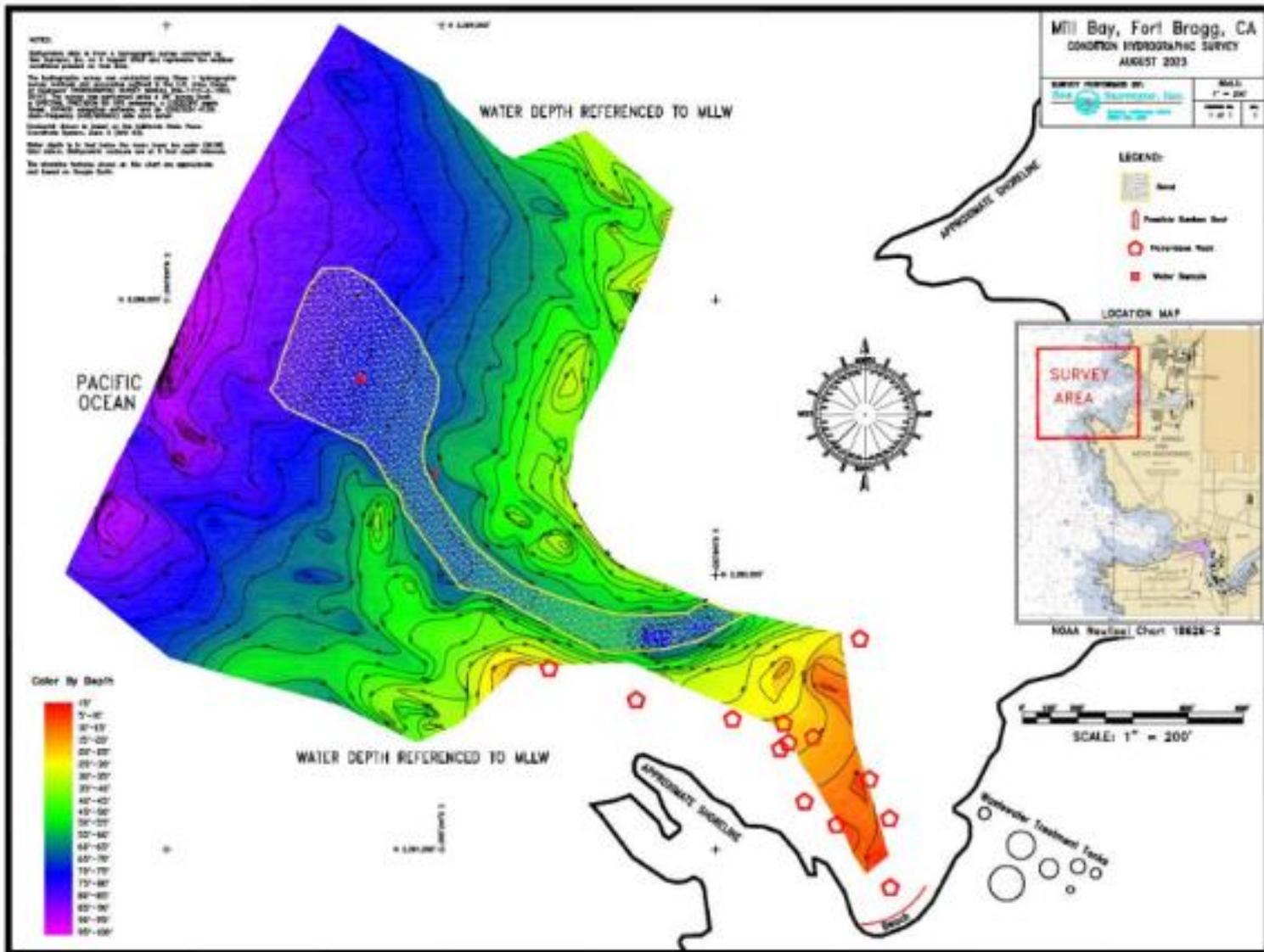
Site layout for the pilot project depicting the Iceberg’s location, mooring system layout, permeate pipeline to shore, existing City of Fort Bragg wastewater treatment plant existing ocean outfall, and wastewater treatment plant with the proposed terminus of the permeate pipeline within the treatment plant.



Iceberg buoy mooring sites considered with habitat layers included for reference.

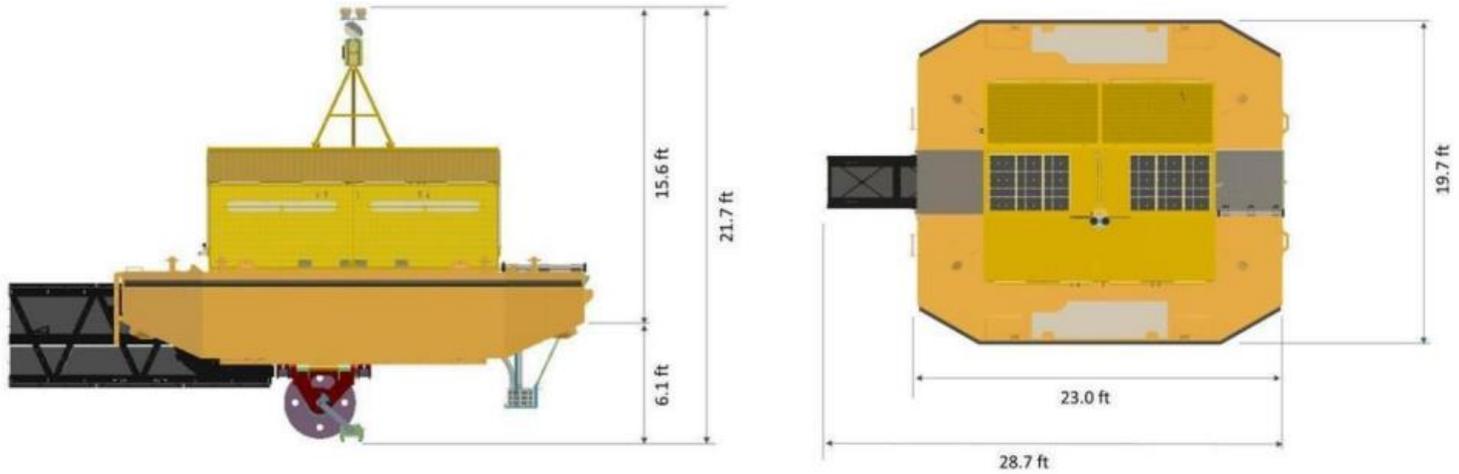


Generally proposed pipeline alignment alternatives over hard substrate and the wastewater treatment plant ocean outfall.

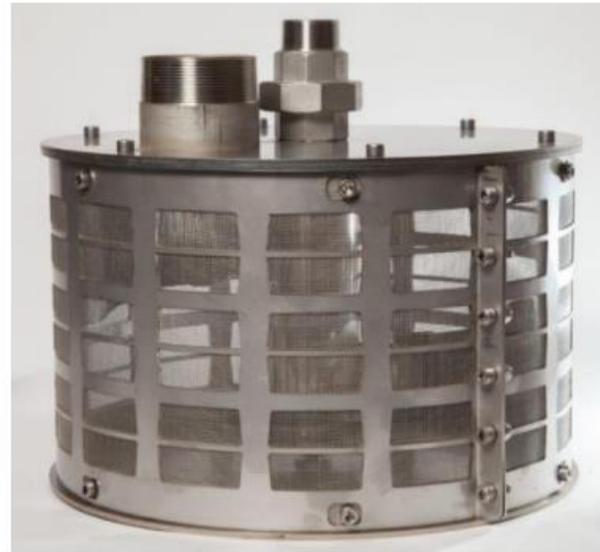


Bathymetric map of the project area prepared using side-scan sonar survey readings. Sand is denoted in the cross-hatched area.

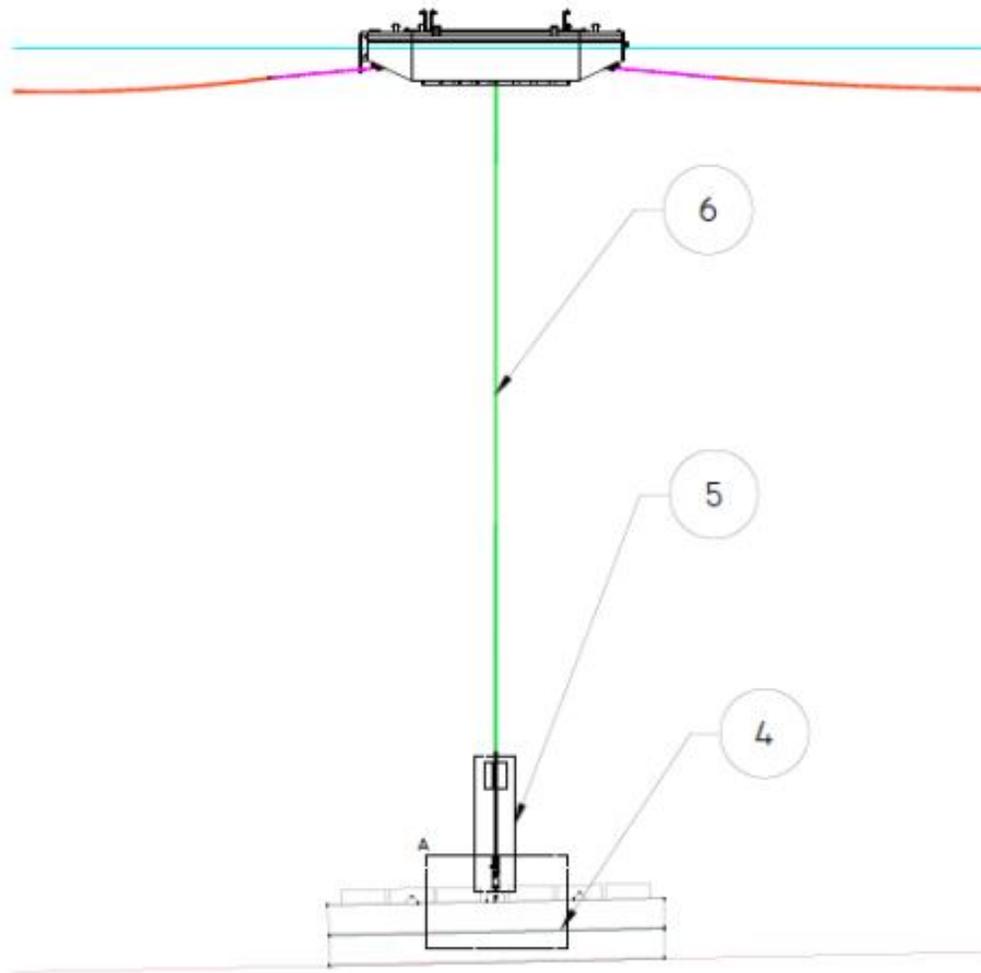
Exhibit 2 – Schematic Diagrams of Proposed Desalination Buoy and Pipeline



Dimensions of the Iceberg unit.



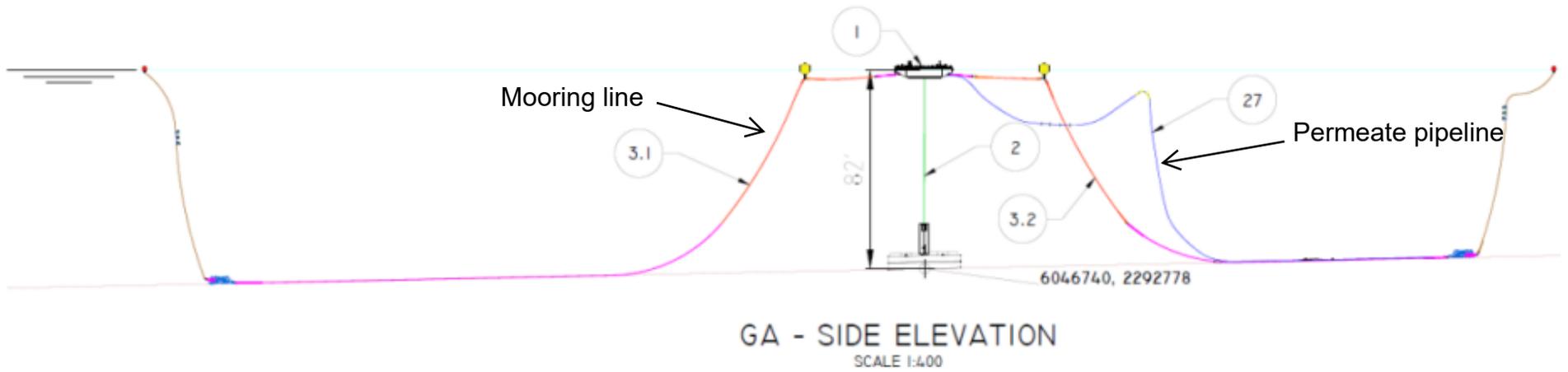
Seawater intake and brine discharge system with 60-micron mesh screening.



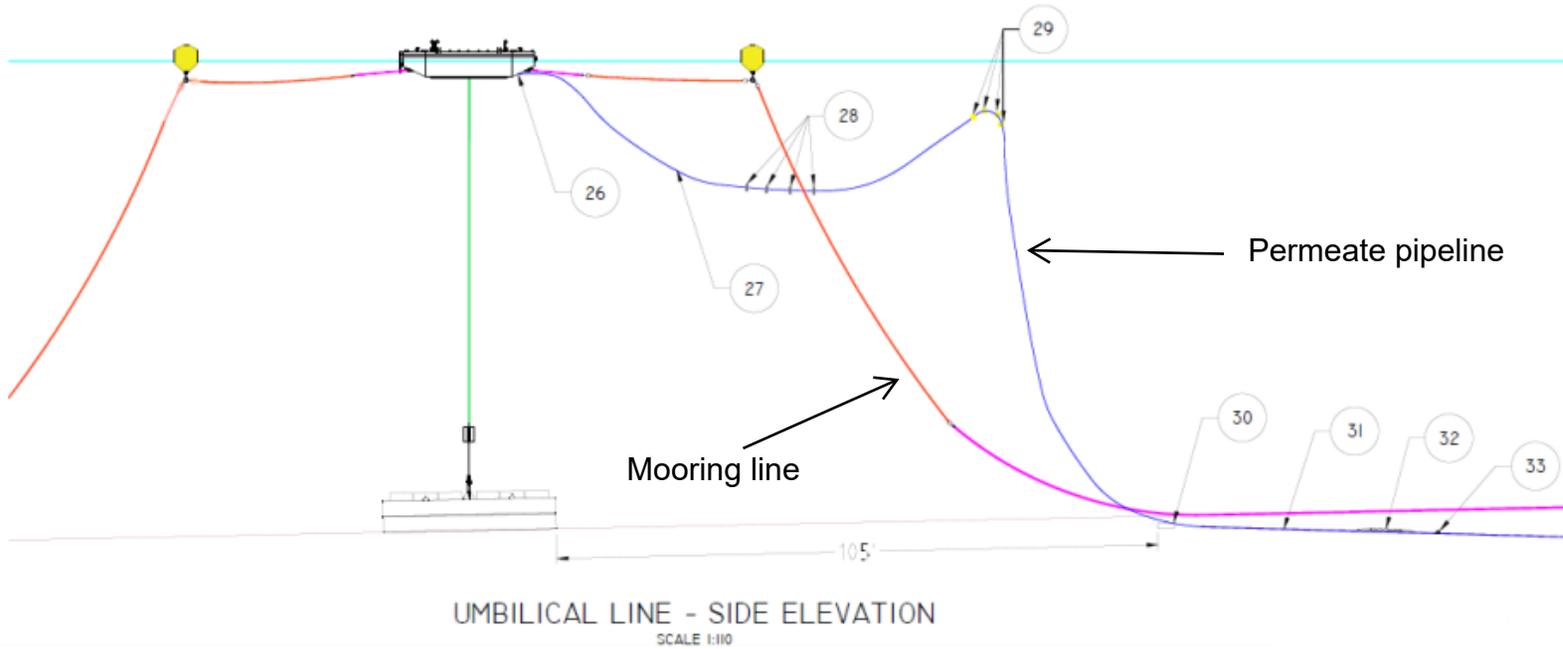
MAIN TETHER - SIDE ELEVATION

SCALE 1:150

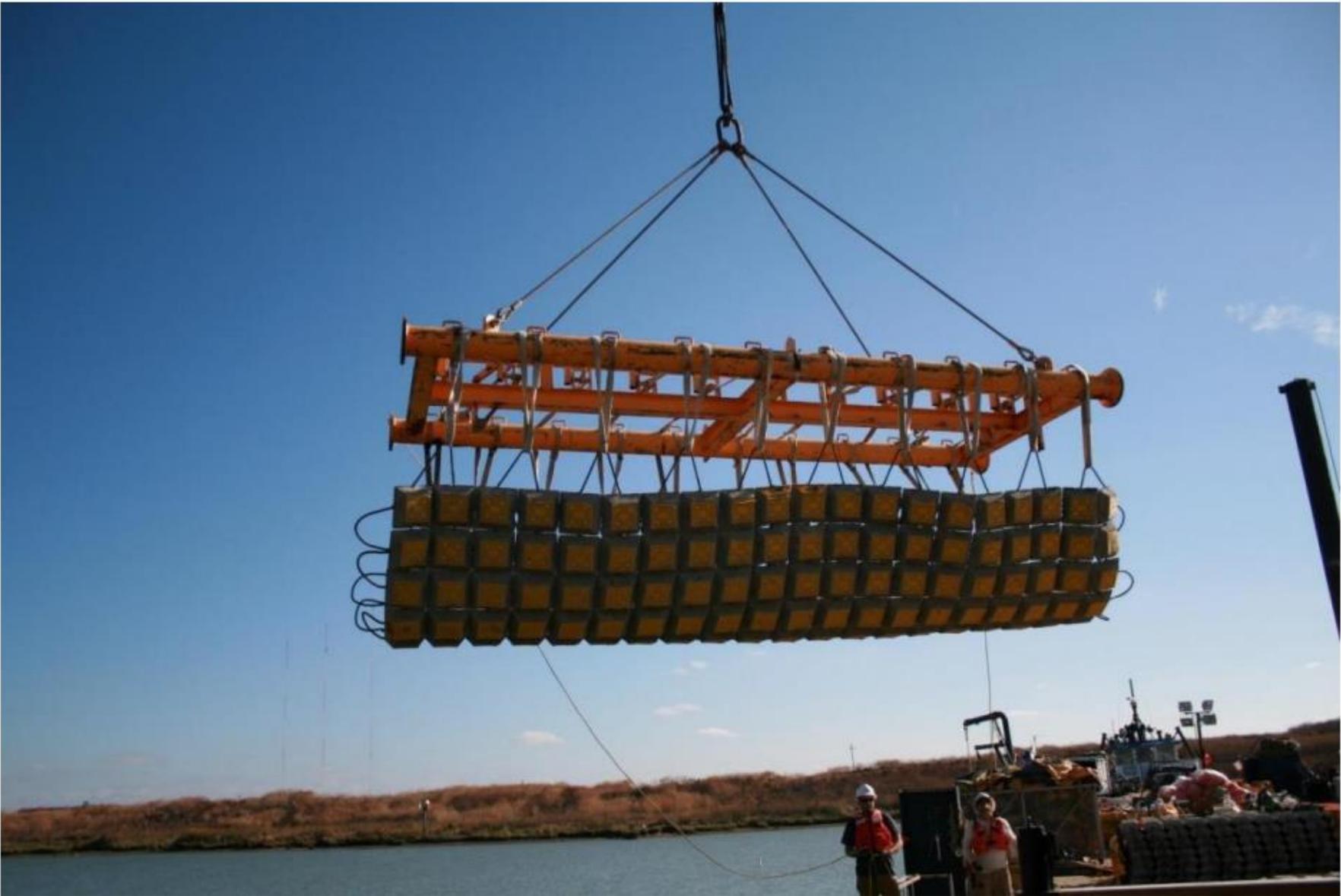
Main tether and gravity anchor.



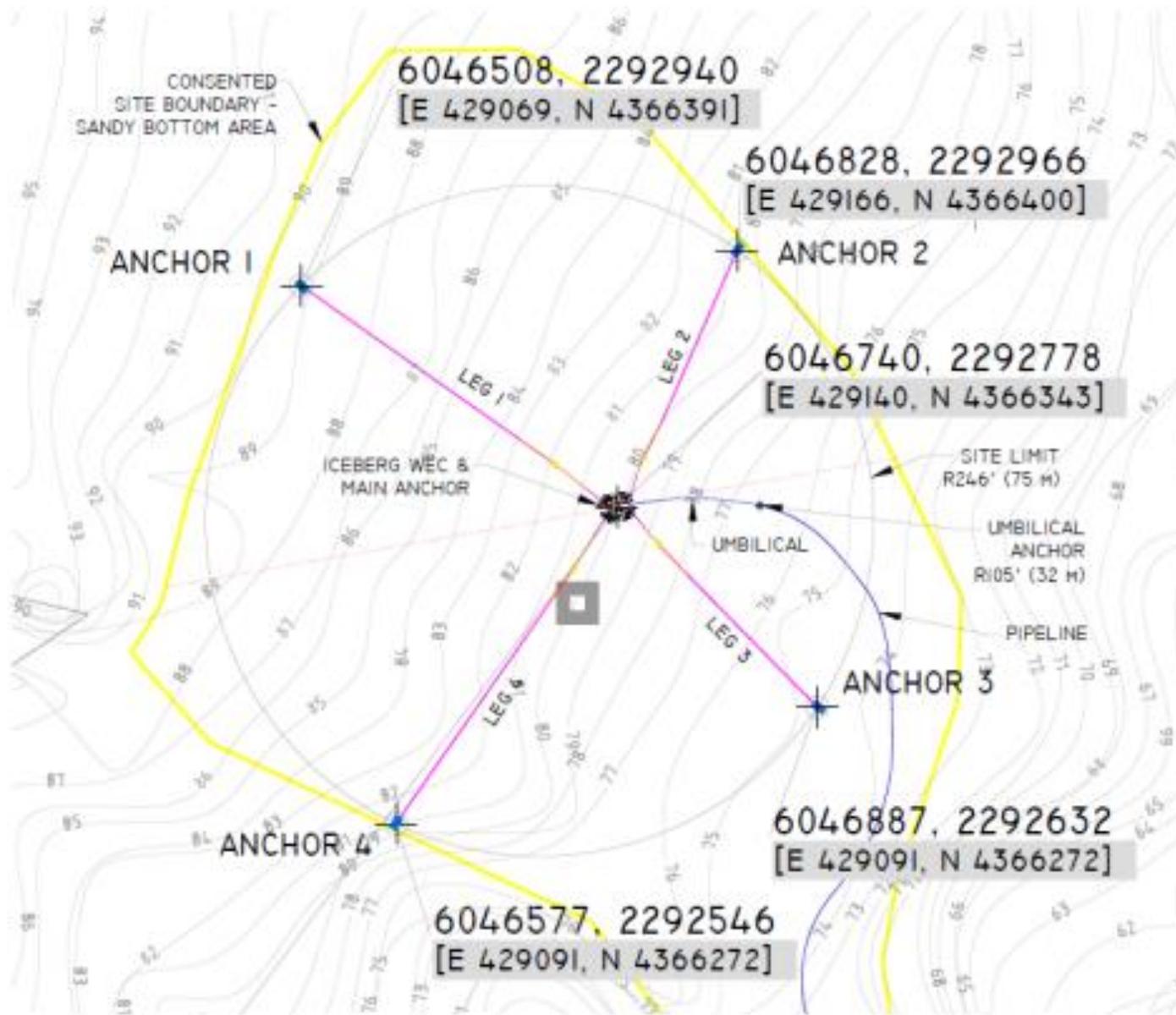
Mooring system and location.



Umbilical connection to the pipeline to the Iceberg featuring a lazy wave configuration.



Articulated concrete mat with deployment frame.



Iceberg Desalination Buoy mooring plan during its 12-month pilot study deployment offshore of the City of Fort Bragg, CA.

Exhibit 3 – Onshore Site Photos



Concrete pad and walkway at the top of the rocky outcrop to which permeate pipeline may be attached.



Concrete bluff face (looking down from wooden platform (Left), aerial view (Right)).

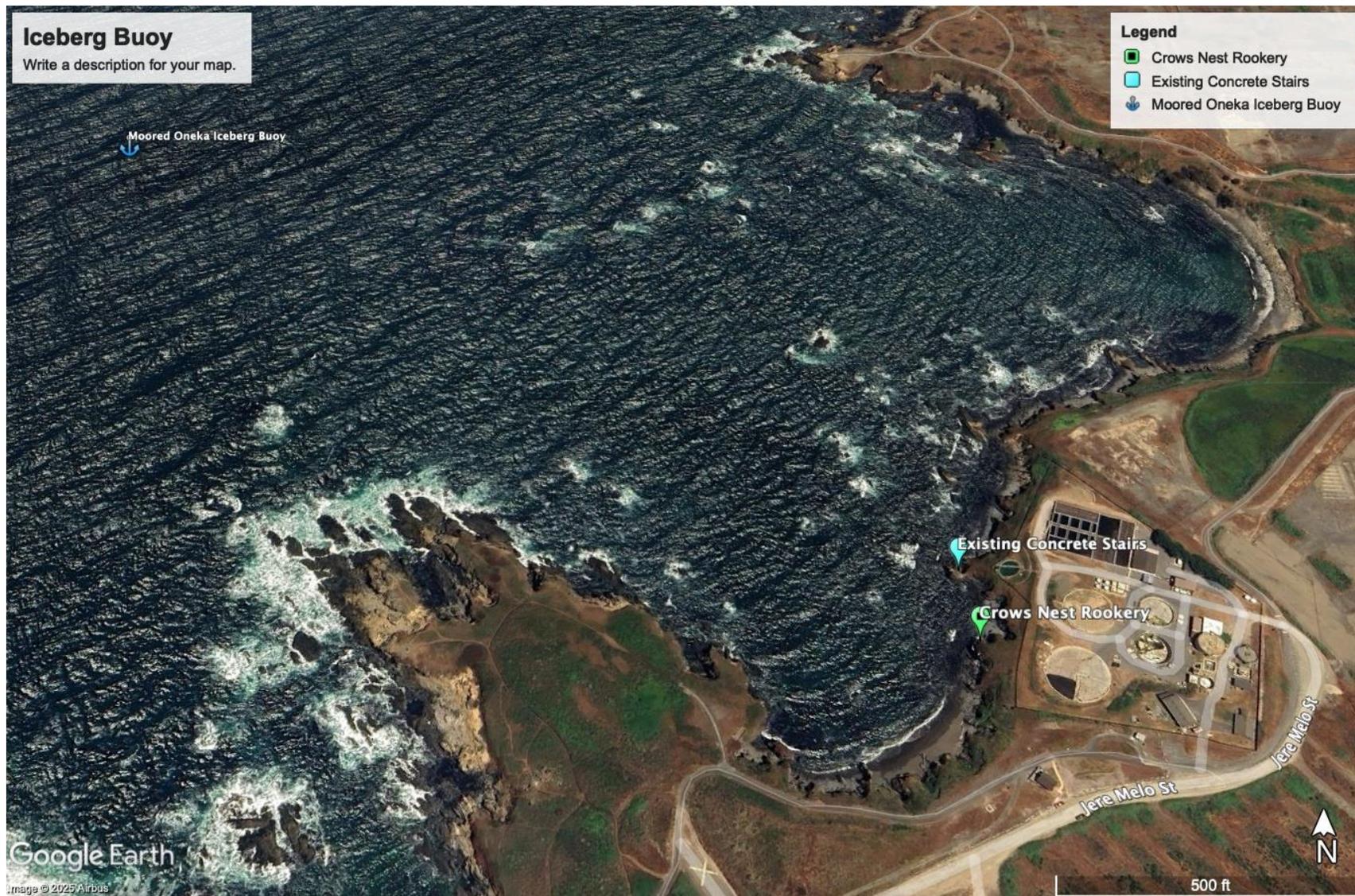


Panoramic view looking west to Pacific Ocean. Wastewater treatment plant (WWTP) and project area are to the right (north) and the beach to the south of the WWTP is in the foreground.



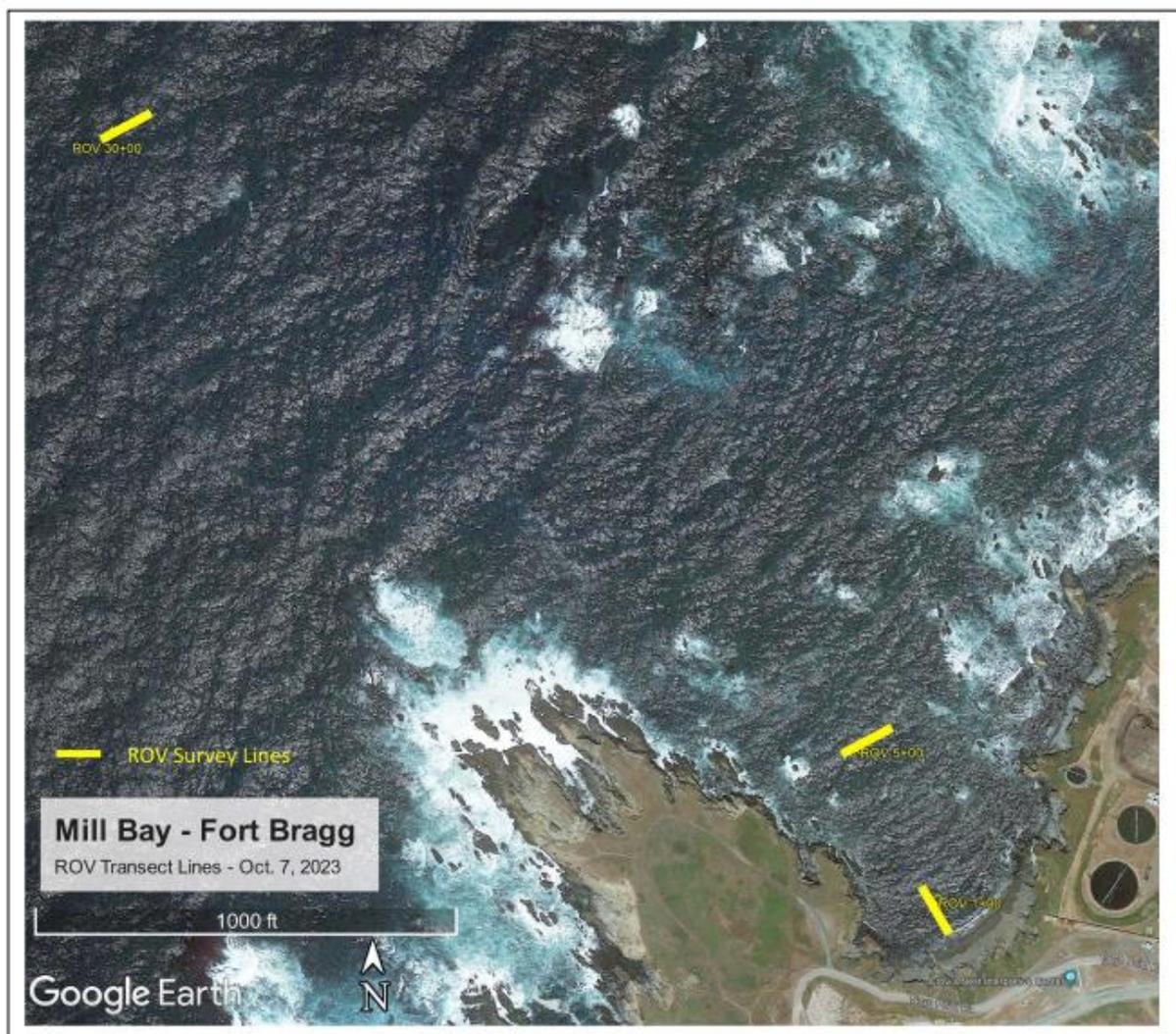
Beach to the north of the WWTP looking north (Left). Beach to the south of the WWTP looking south (Right).

Exhibit 4 – Location of Cormorant Rookery



Location of Crow's Nest pelagic cormorant (*Urile pelagicus*) rookery relative to the project site.

Exhibit 5 – Representative Seafloor Photos



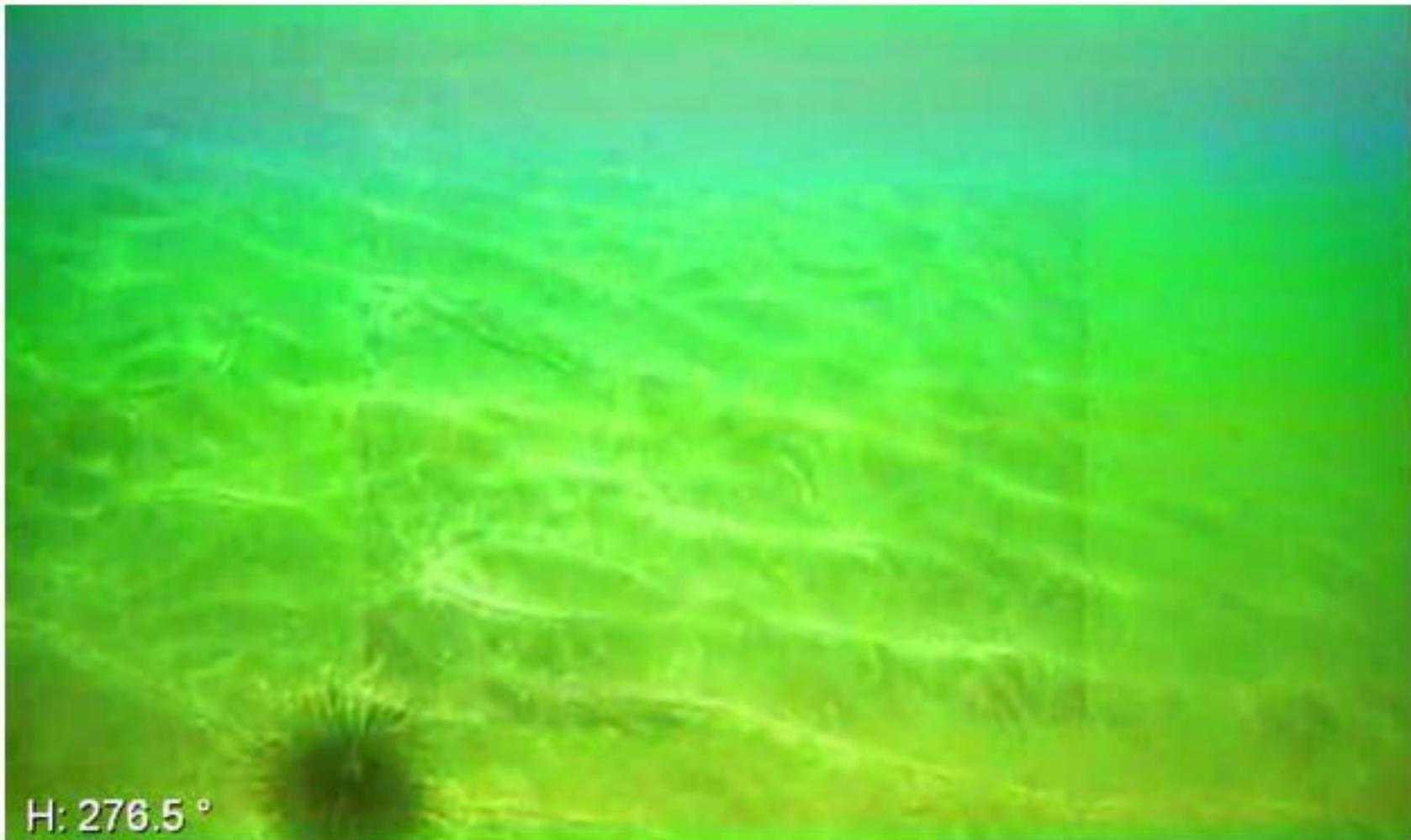
Location of ROV Survey Lines.



Frame captured from ROV video along Transect Line 5+00 showing hard substrate covered in purple sea urchins creating an urchin barren devoid of submerged aquatic vegetation.



Frame captured from ROV video along North Transect Line 1+00 showing sand/soft-bottom habitat with small hard substrate outcrops interspersed.



Frame captured from ROV video along Transect Line 30+00 showing sand/soft-bottom habitat.