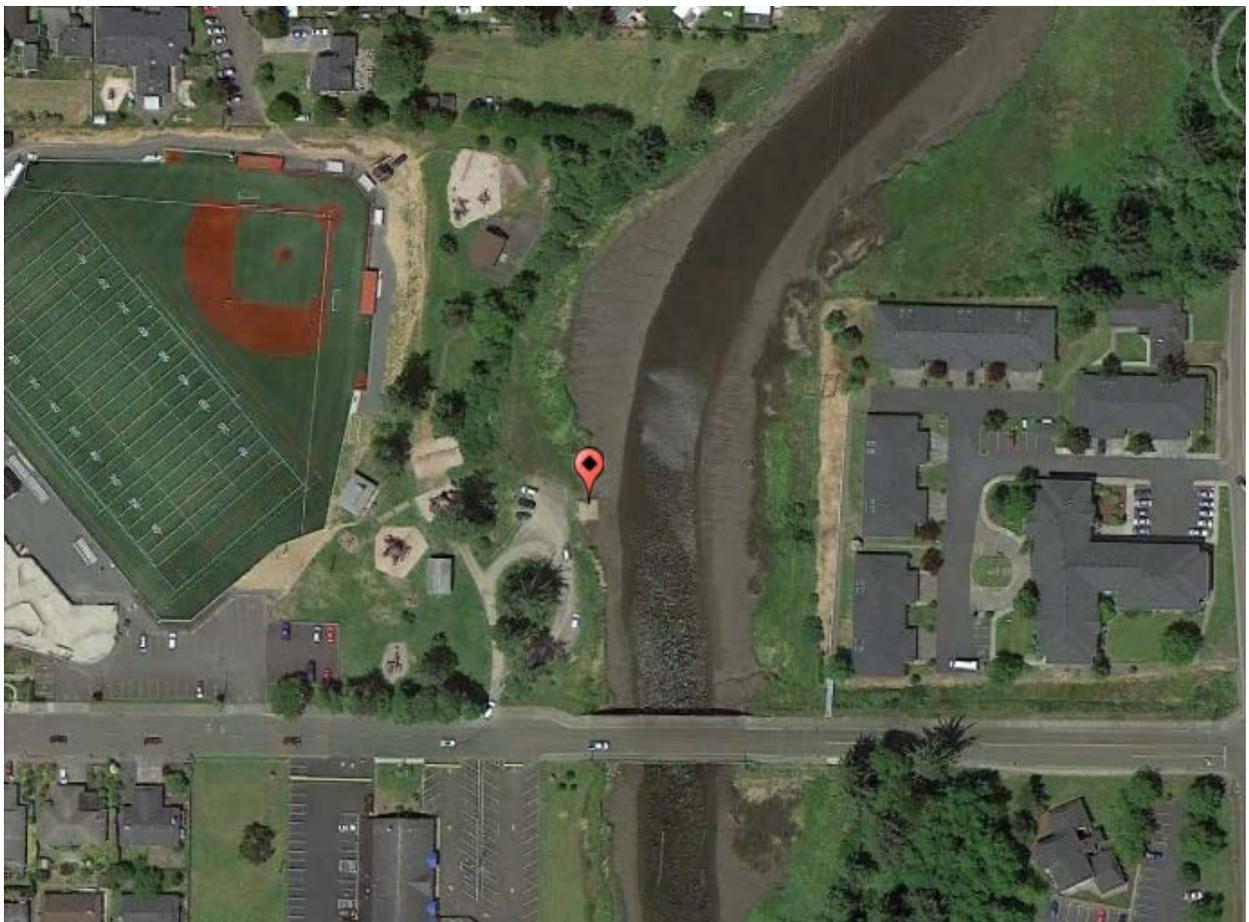
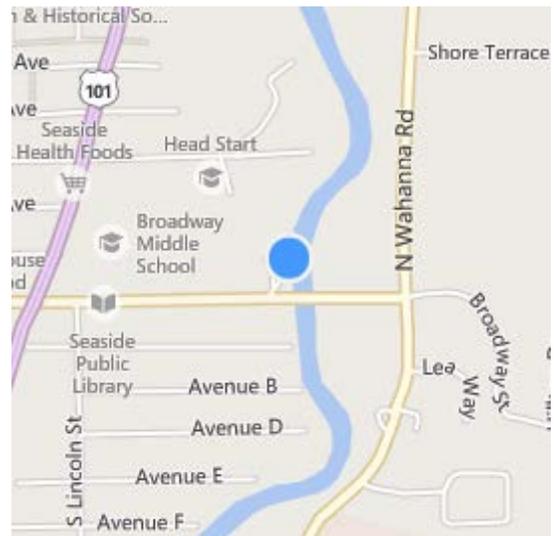


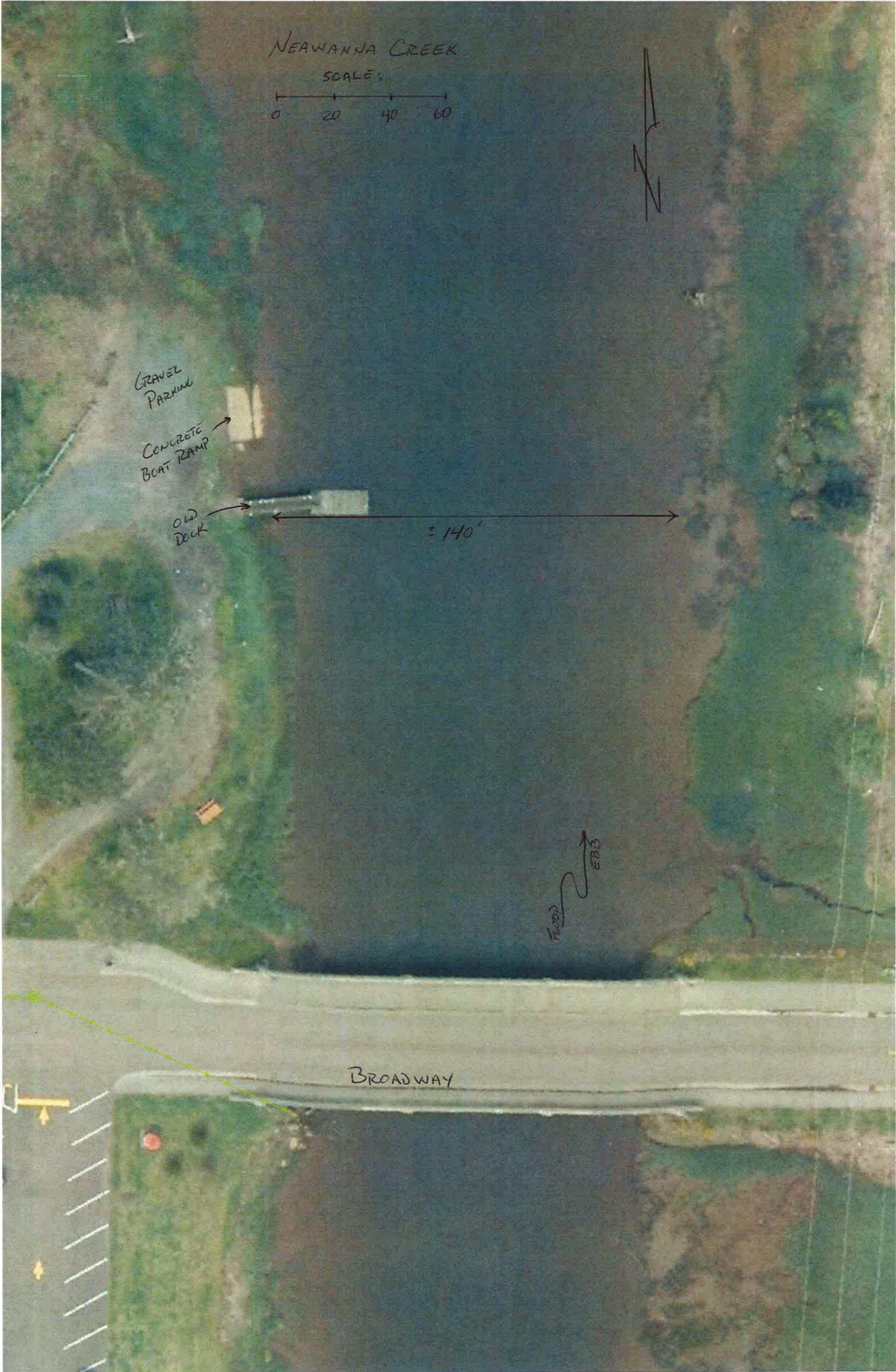
Location Map

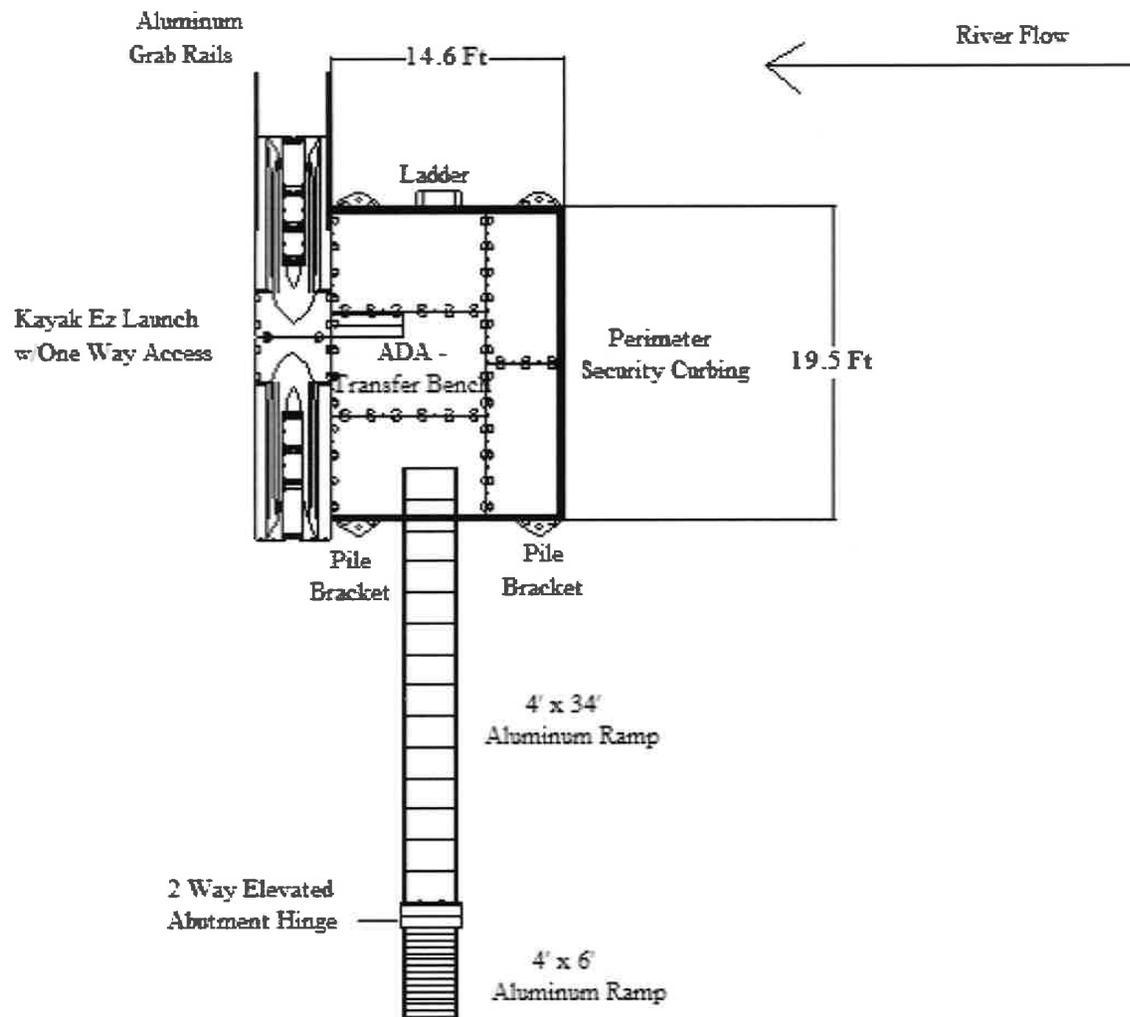
Broadway Park Boat Dock

NWP-2014-258



**Within Neawanna Creek at 1230 Broadway Street, Section 22,
Township 6 North, Range 10 West, City of Seaside, Clatsop Co.,
Oregon (45.993774, -123.915087)**



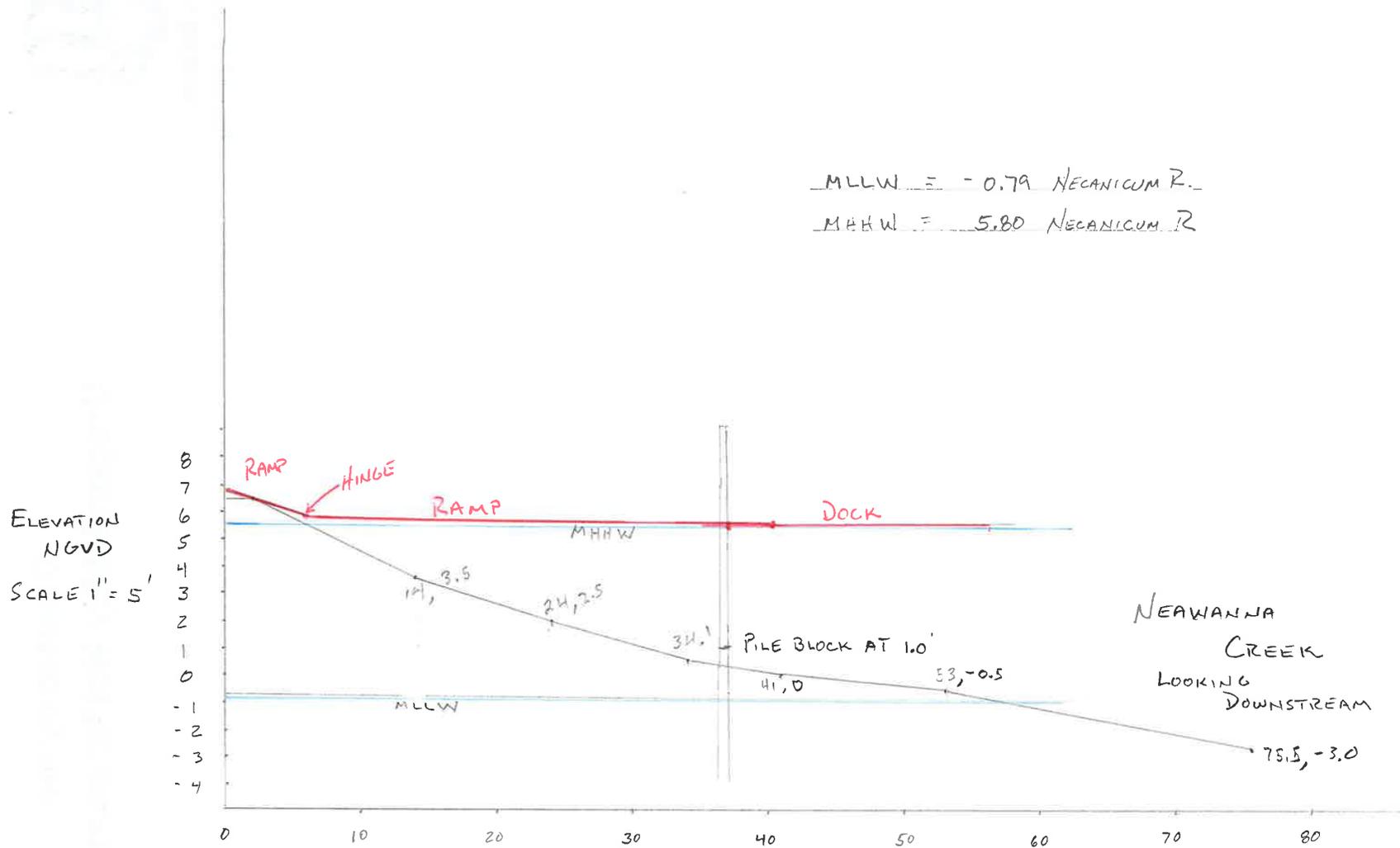


City of Seaside - Broadway Park

9085 Arney Lane NE
Woodburn OR 97071

Oregon Marine Construction LLC

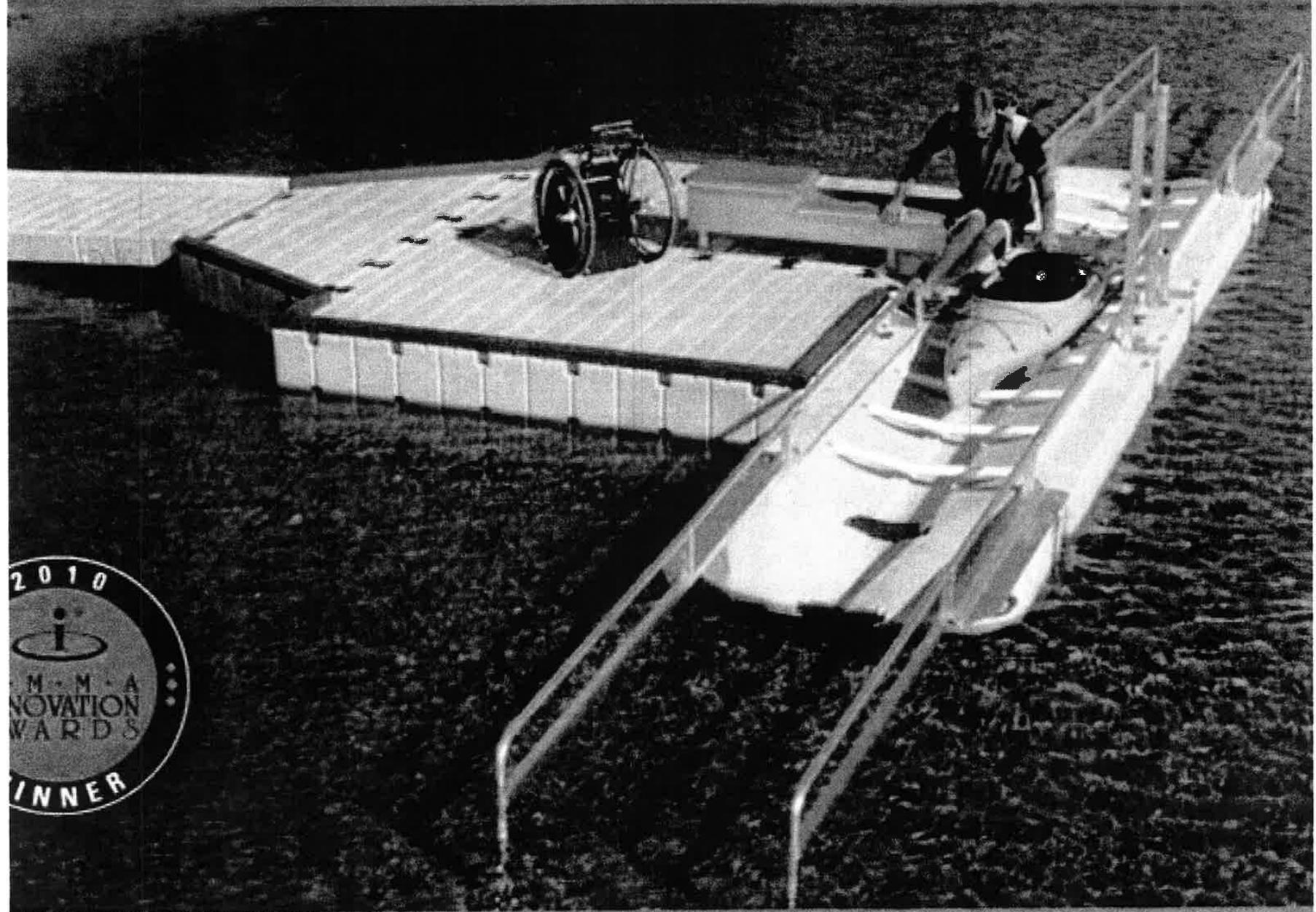
Phone: 866-99-DOCKS
FAX: 866-314-7199



ALUMINUM RAMP BEGINS AT 0
TOP OF BANK IS AT 2

HORIZONTAL DISTANCE SCALE: 1" = 10'

Now with ACCESSIBLE TRANSFER SYSTEM



MITIGATION PLAN FOR BROADWAY PARK BOAT DOCK ON NEAWANNA CREEK

September 30, 2014

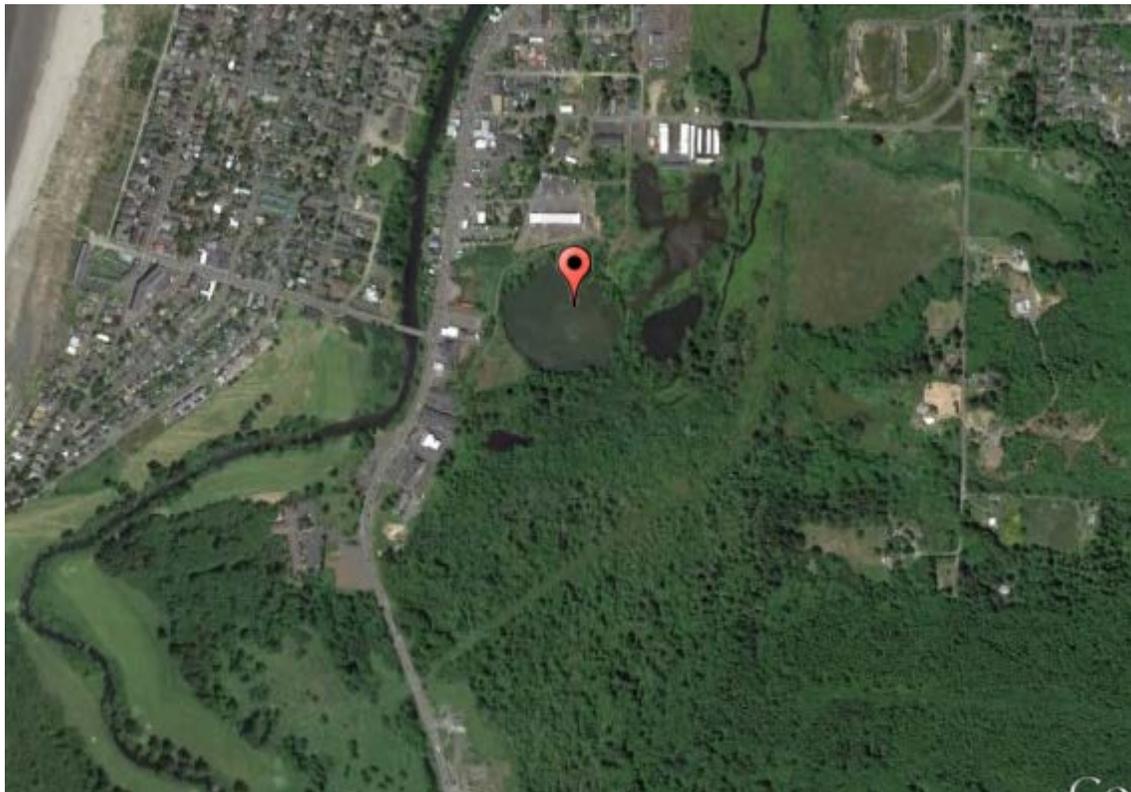
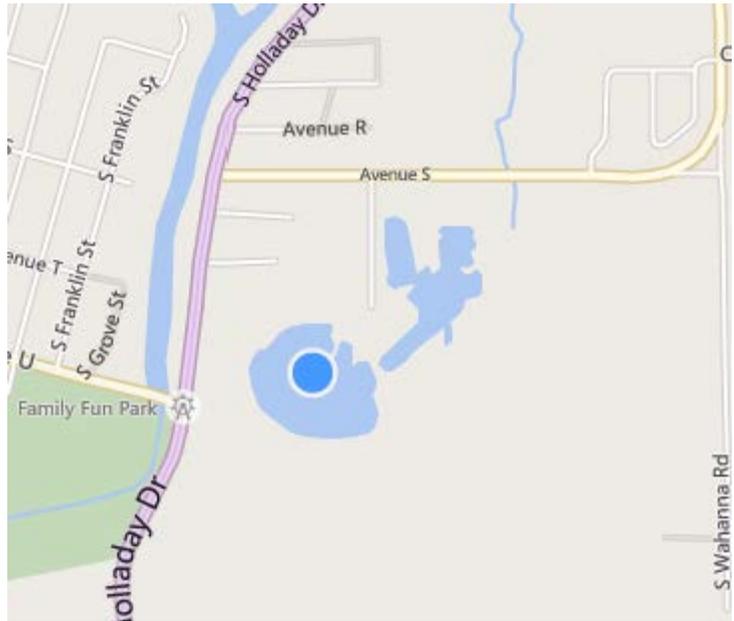
The proposed dock replacement is located in the tidally-influenced portion of Neawanna creek, near Broadway Park, within the 100 year flood plain. There is no in-water vegetation in the reach, which has a sand/mud/clay substrate. The active channel width at mean low water is slightly less than 100 feet wide. Water depth at the location varies greatly based on tide and rainfall. The boat dock is located within a city park where there is also a motorized boat launch area. The area is gravel to the water's edge at mean tide so there are no wetland or riparian impacts in replacing the dock. The footprint of the old dock was 251 square feet and the new dock is proposed to be 420 square feet. This allows room for the ADA launch facility and a longer gangway to ensure the dock doesn't rest on the bottom at low tide. This is an increase in over-water area of 170 square feet.

Neawanna Creek joins the Necanicum River in the lower estuary and is one of the watershed's main tributaries. The headwaters of the Neawanna flow into a tidally influenced pond that is connected by groundwater to two other ponds. These three ponds are collectively known as the Mill Ponds, and cover approximately 17.2 acres. The area of the tidally influenced pond is approximately 4.5 acres. This pond is excellent over-winter habitat for the anadromous salmonid species known to occur in Neawanna Creek, including Oregon Coast ESU Coho salmon (*Oncorhynchus. kisutch*), hatchery Chinook salmon (*O. tshawytscha*), winter steelhead trout (*O. mykiss*), and sea-run cutthroat trout (*O. clarkii*). Resident cutthroat trout and Pacific lamprey (*Lampetra tridentata*) are also present.

To mitigate for the 170 square foot increase in over-water area, the City of Seaside and the Necanicum Watershed Council are proposing to place coarse woody material, in the form of Christmas trees, in the tidally influenced pond shortly after the holidays. The Watershed Council will work with the local Boy Scout Troup, the City of Seaside, and the local Trout Unlimited chapter to collect and place the trees to create underwater habitat. We propose to place 200 Christmas trees to fulfill our mitigation obligation.

Location Map

**Broadway Park Boat Dock
Mitigation Area (Mill Ponds)
NWP-2014-258**



**Mill Ponds (AKA Chapman Ponds), near Alder Mill Avenue, Section 21,
Township 6 North, Range 10 West, City of Seaside, Clatsop Co.,
Oregon (45.979658, -123.923924)**



