

Sodus Bay Yacht Club
7431 Irwin Street
P.O. Box 287
Sodus Point, NY 14555

February 8, 2021

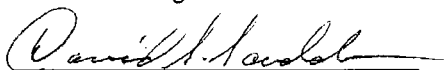
To All Who May Inquire,

Yacht Club waterfront infrastructure has suffered the vagaries of weather, wind, high water, and ice. Eaton Landing, a peninsular bulkhead near the SE corner of our waterfront (see drone photo), is currently suffering from these effects. Its 195 lineal feet of seaward perimeter consists of; 46 LF of fairly new, heavy gauge, steel sheet pile, 67 LF of original light gauge, steel sheet pile and 82 LF (the east side) of original, multi-layered concrete. All but the 46 LF of newer sheet pile is now severely compromised and the entirety of the Eaton Landing structure was as much as one foot under water for an extended period during 2019.

Eaton Landing is key to several critical aspects of yacht club infrastructure. It is the only route to the east side docks of the East Basin (9 slips) and East Floaters (25 slips). It is the bulkhead to which these docks are attached and houses the electrical power and water feeds for all. It also his home to the marine pump out that serves club members and guests. The current pump out is scheduled for replacement this year. The Landing also is home to a weather station, power distribution subpanel, water toy storage rack and picnic pavilion. Eaton Landing is a vitally essential piece of infrastructure that the Club is anxious to protect and make more resilient.


In addition to the obvious repair and improved protection of the landing's perimeter is the fact that it is the Club's intent to raise the landing to 250 feet elevation. Hence, the new steel sheet pile wall will be at that elevation as will be the aforementioned ancillary features. The pump out and power subpanel are in the process of being raised currently. The four power pedestals serving the East Basin will be raised and upgraded. The 46 LF of newer steel sheet pile will be raised to 250 feet for resiliency. Interior fill and finish will be clean crusher run topped with concrete. Utilities: power, water and sewer, will be contained within the fill. The same crusher run will be used to fill the void between the new sheet pile and old perimeter containment.

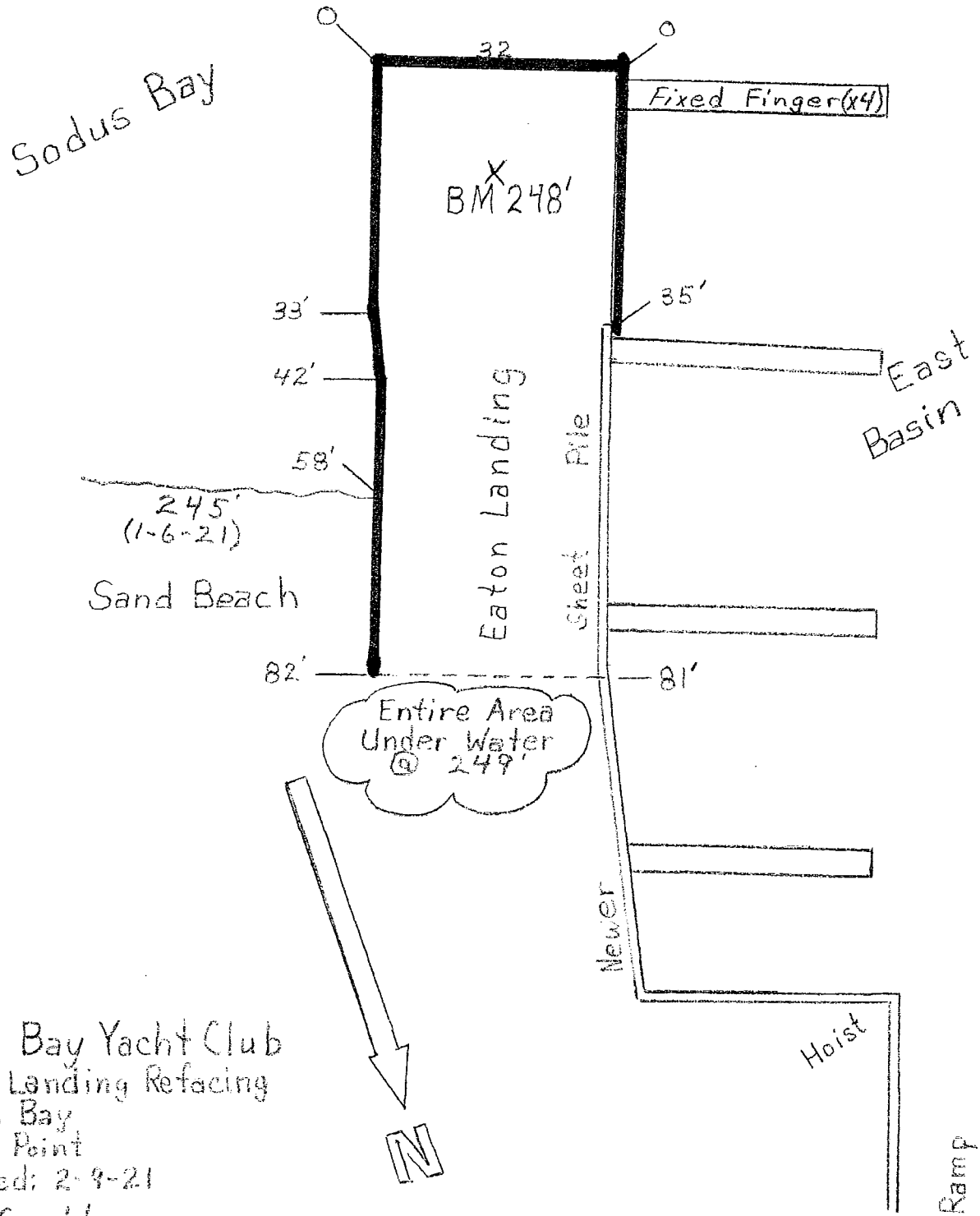
When complete, Eaton Landing will only have the minimum required/permitted increase in footprint but will be stable and resilient to expected extreme high-water events for many years. Please direct questions to the undersigned.



David S. Scudder, Director, Docks & Moorings (docks.sodusbayyc@gmail.com)
7458 Park Avenue
Wolcott, NY 14590

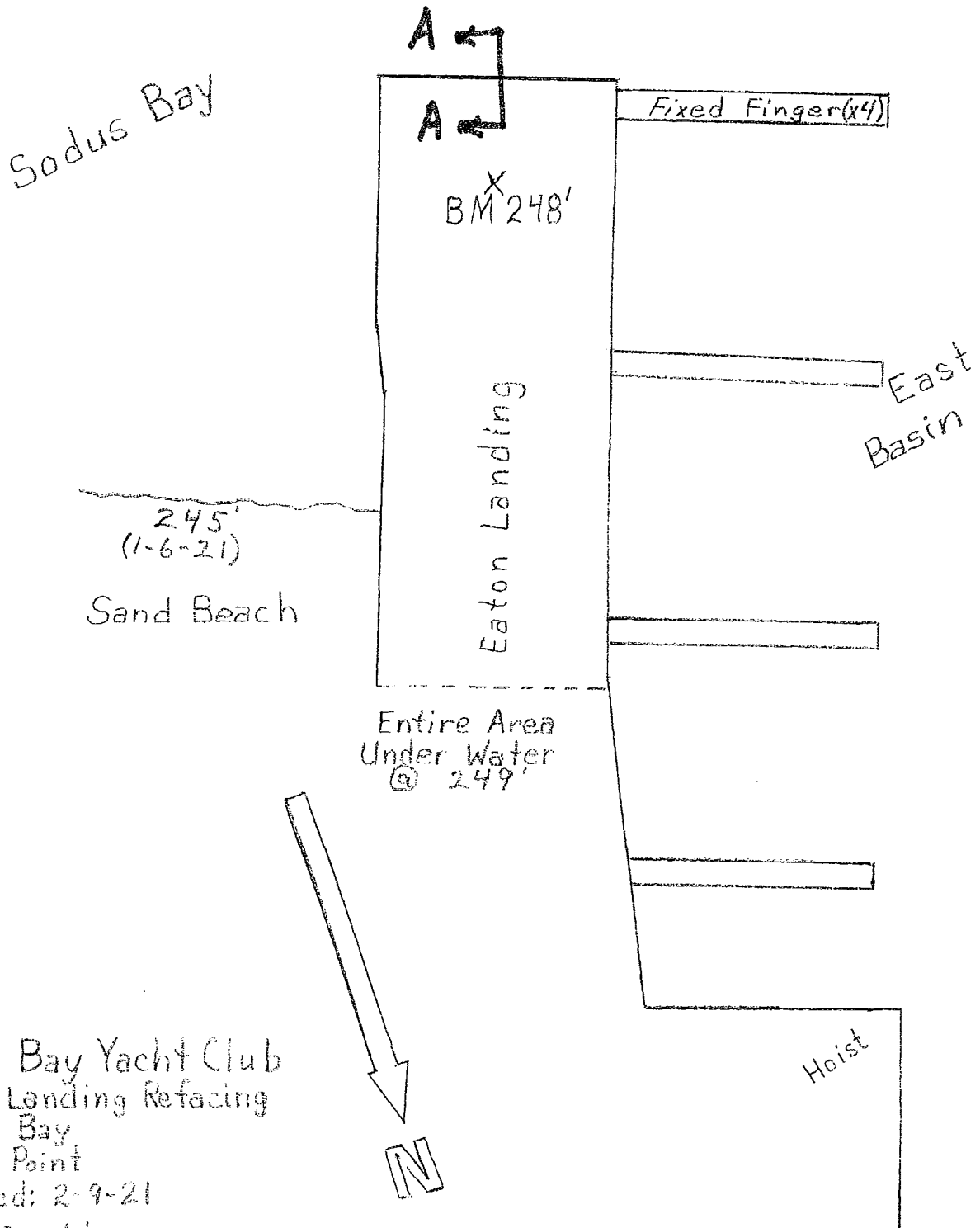
585.233.8741

Plan View
 Proposed Refacing: 



Sodus Bay Yacht Club
 Eaton Landing Refacing
 Sodus Bay
 Sodus Point
 Prepared: 2-9-21
 David Scudder

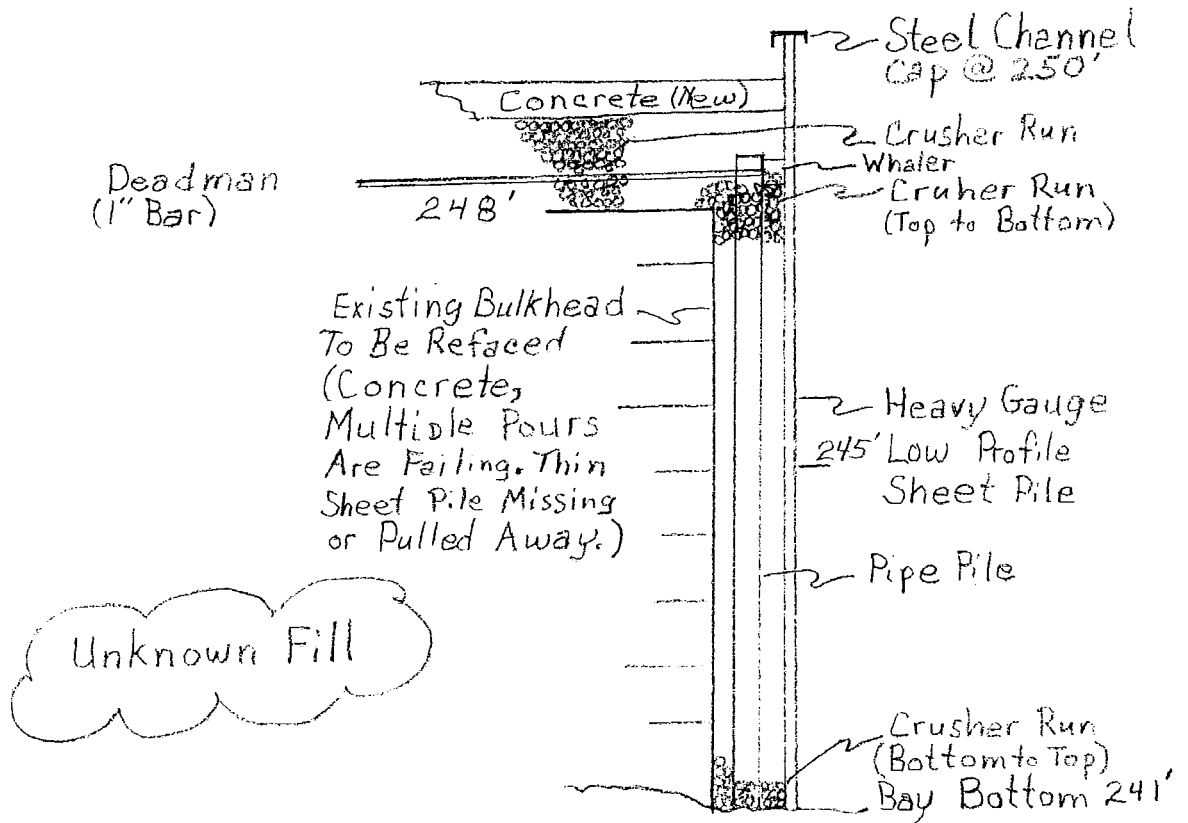
Section Location (Pg. 1 of 2)
Proposed Refacing



Sodus Bay Yacht Club
Eaton Landing Refacing
Sodus Bay
Sodus Point
Prepared: 2-9-21
David Sudder

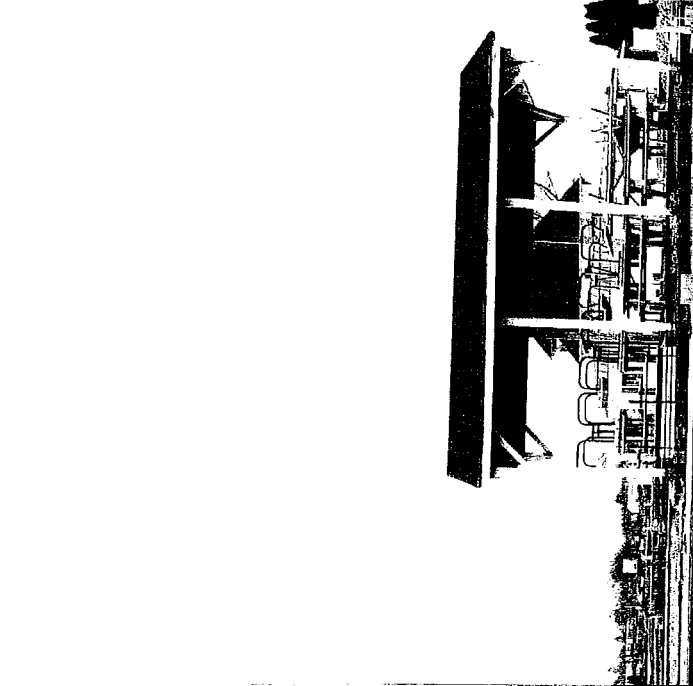
Section A-A (Pg. 2 of 2)

Proposed Refacing

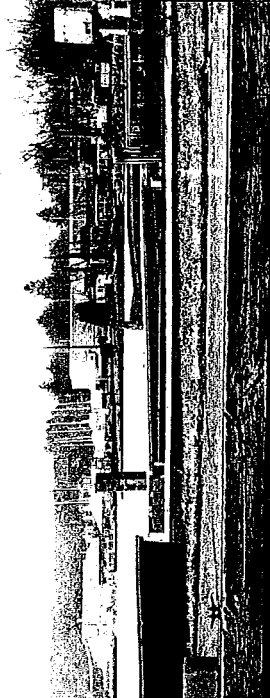


Note: See Tabulated Sounding for Detail

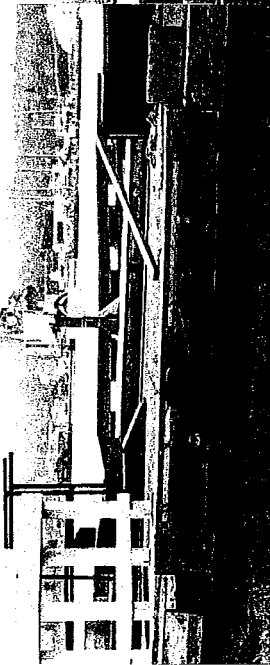
Sodus Bay Yacht Club
 Eaton Landing Refacing
 Sodus Bay
 Sodus Point
 Prepared: 2-9-21
 David Scudder



X SW
 NE corner of
 Eaton Landing.
 SBY Club house
 in background.
 Water level \approx 245.0
 1-6-21
 (A)



X SW
 Failing Concrete
 (A)
 (B)



X SW
 Failing Concrete
 (C)
 (B)



SE end of
Eaton Landing
bulk head. Failed
and missing
steel sheet piling.

(F)

(E)



SE corner of
Eaton Landing
bulk head. Failed
and missing
steel sheet piling.

(E)

(D)



SW
Failing concrete.
Missing or severely
rusted sheet steel
piling.

(D)

(C)



PERMIT
Under the Environmental Conservation Law (ECL)

GENERAL PERMIT GP-0-20-004
Great Lakes Erosion Control General Permit

Permittee and Facility Information

Permit Issued To:
SODUS BAY YACHT CLUB
PO BOX 287
SODUS POINT, NY 14555
(315) 573-3111

Facility:
SODUS BAY YACHT CLUB
7431 IRWIN ST
SODUS POINT, NY 14555

Facility Application Contact:
JOHN J WICKETT
SODUS BAY YACHT CLUB
7431 IRWIN ST PO BOX 287
SODUS POINT, NY 14555
(315) 524-9262

Applicable DEC Region(s): 6, 7, 8, 9

General Permit Authorized Activity: Description of Authorized Activities: For the purposes of shore protection to safeguard existing functional erosion control structures, roads, bridges, infrastructure, and property along the Lake Ontario shoreline, Lake Erie shoreline, Niagara River, and Saint Lawrence River, including affected portions of wetlands, navigable bays and tributaries, the following activities are authorized under this General Permit:

1. Repair and in-kind replacement of existing functional erosion protection structures. The repair or replacement of these structures must not extend waterward of the pre-existing footprint except where the Department accepts an applicant's demonstration that minor deviations are necessary for the stability of the structure. Increase in structure height may be approved if appropriate. Replacement structures must be adequately sized and designed.
2. New stone necessary for the stabilization of existing, functional, vertical erosion protection structures installed along coastal erosion hazard area (CEHA) bluffs or non-CEHA areas. Stone must be sized appropriately for the location. Minor deviations in the original structure's configuration, including those due to changes in materials, construction techniques, or current construction codes or safety standards that are necessary to make the repair, rehabilitation, or replacement are authorized. **Not applicable along CEHA beach or dune shorelines.**