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The State of New Hampshire
Department of Environmental Services



Robert R. Scott, Commissioner

October 17, 2022

58

His Excellency, Governor Christopher T. Sununu
and The Honorable Council
State House
Concord, NH 03301

REQUESTED ACTION

Approve YMCA of Greater Boston's request to perform the following work on Lake Winnepesaukee in Tuftonboro pursuant to NH Department of Environmental Services (NHDES) Wetlands Bureau permit #2022-01924, and in accordance with RSA 482-A:3. Comments submitted by the Tuftonboro Conservation Commission, stating they have no objections to the project as proposed, are included in the enclosed documents.

Permanently remove a single 2 foot x 23 foot piling pier and two 2 foot x 16 foot piling piers, install a 5 foot x 60 foot seasonal wharf with three 3.33 foot x 20 foot seasonal finger piers in a "W" accessed by a 4 foot x 10 foot gangway from an existing 9.92 foot x 68.75 foot piling pier, repair an existing 33.58 foot x 45.25 foot (wall dimensions) two slip boathouse and a 14.06 foot x 51.75 foot crib pier accessed by a 7.75 foot x 55.75 foot pier extending from a 58 foot concrete walkway, and replace 3 existing ice clusters and 7 tie off pilings along an average of 7,800 feet of frontage along Sandy Island on Lake Winnepesaukee in Tuftonboro.

NHDES imposed the following conditions as part of this approval:

1. In accordance with Env-Wt 307.16, all work shall be done in accordance with the approved plans dated May 31, 2022 by Advantage NH Lakes, as received by the NH Department of Environmental Services (NHDES) on July 6, 2022.
2. This permit shall not be effective until it has been recorded in the Carroll County Registry of Deeds and a copy of the recorded permit has been provided to the department as required pursuant to RSA 482-A:3, and Env-Wt 314.02.
3. Any subdivision of the property frontage will require removal of a sufficient portion of the docking structures to comply with the dock size and density requirements in effect at the time of the subdivision as required to maintain compliance with Env-Wt 314.02 and Env-Wt 513.12.
4. Only those structures shown on the approved plans shall be installed or constructed along this frontage as required per Env-Wt 513.22, (a).
5. All seasonal structures shall be removed for the non-boating season as required per Env-Wt 513.22.
6. The use of this structure shall be limited to the docking and securing of watercraft as required to comply with Env-Wt 307.09.
7. Owners of permanent docking structures which are not maintained so as to be structurally sound and usable for their intended purpose shall remove those docking structures in accordance with Env-Wt 513.22(c), to prevent hazards to public safety, navigation, and recreation.

8. The owner understands and accepts that should these docking structures be found to have an unreasonable impact on the ability of abutting owners to use and enjoy their properties or the public's right to navigation, passage, and use of the resource for commerce and recreation the structures shall be subject to removal pursuant to RSA 482-A:1, RSA 482-A:11, II, and Env-Wt 513.03(a).
9. No agitating or heating device shall be installed for the purpose of inhibiting the formation of ice in proximity to the approved structures unless it has been registered with the municipal clerk of the town in which such device shall be operated pursuant to RSA 270:34 Registration Required.
10. Pursuant to RSA 270:33, Heating, Agitating, or Other Devices in Public Waters; Safety Hazard, no agitating or heating device installed in accordance with RSA 270:34 shall inhibit or prevent the natural formation of ice in such a manner as to impede either the ingress or egress to or from the ice from any property other than that of the owner of the device.
11. All development activities associated with any project shall be conducted in compliance with applicable requirements of RSA 483-B and Env-Wq 1400 during and after construction as required pursuant to RSA 483-B:3.
12. Work authorized shall be carried out in accordance with Env-Wt 307 such that appropriate turbidity controls are in place to protect water quality and that appropriate turbidity controls shall remain until suspended particles have settled and water at the work site has returned to normal clarity.
13. All construction-related debris shall be placed outside of those areas subject to RSA 482-A or RSA-483-B unless a permit for the deposition of materials within those areas has been obtained as required per RSA 482-A:3 or RSA 483-B:5-b respectively.
14. No activity shall be conducted in such a way as to cause or contribute to any violation of surface water quality standards specified in RSA 485-A:8 or Env-Wq 1700.
15. Pursuant to RSA 482-A:14, RSA 482-A:14-b, and RSA 482-A:14-c, NHDES is authorized to take appropriate compliance actions should it be determined that, based upon additional information which becomes available, any of the structures depicted as "existing" on the plans submitted by or on behalf of the permittee were not previously permitted or grandfathered.

EXPLANATION


NHDES approved this project on September 16, 2022. NHDES supported its decision with the following findings:

1. This is a major impact project per Administrative Rule Env-Wt 513.24(c), construction or modification of a major docking structure exceeding 4 boat slips.
2. The Applicant owns the entirety of Sandy Island. There are no abutters to this project.
3. The applicant has an average of 7,800 feet of frontage along Lake Winnepesaukee.
4. A maximum of 150 boatslips may be permitted on this frontage per Rule Env-Wt 513.12, Frontage Requirements for Private and Non-commercial Docking Structures.
5. The proposed modified docking structure, in combination with a separate 4 slip structure located to the south, will provide 17 slips as defined per RSA 482-A:2, VIII, and therefore meets Rule Env-Wt 513.12.
6. In accordance with Env-Wt 513.23, (a), (2), the department shall not approve any change in size, location, or configuration of an existing docking structure unless the applicant demonstrates, and the department finds, that the modification provides for fewer boat slips and less deck area over public submerged lands than the existing docking structure.

7. The applicant has proposed a modification of an existing docking structure resulting in the permanent elimination of three pile supported piers and reduces the number of slips from 19 to 17 as required by Env-Wt 513.23, (a), (2).
8. Applicant requested a waiver, in accordance with Env-Wt 204, of Administrative Rule Env-Wt 513.23, (a), (2), specifically requiring all modifications of existing docking structures to reduce dock surface area over public waters.
9. The Department finds the proposal to access the proposed seasonal structures using a gangway from the existing permanent docking structure eliminates additional disturbance to the existing vegetated bank and furthermore demonstrates avoidance and minimization of impacts to the bank as required per Env-Wt 311.07.
10. The applicant has demonstrated that granting the waiver will have no adverse effect on the environment, natural resources of the state, public health, public safety, nor impacts to abutting properties more significant than that which would result from complying with the rule as required to meet Rule Env-Wt 204.05, Criteria, (a), (1).
11. The applicant has demonstrated that strict compliance with Rule Env-Wt 513.23, (a), (2), will provide no benefit to the public and will provide both an operational and economic impact to the applicant as required to meet Rule Env-Wt 204.05, Criteria, (a), (2).
12. The request for a waiver meets the requirements of Rule Env-Wt 204.05, Criteria, and therefore, the waiver Rule Env-Wt 513.23, (a), (2) is granted.
13. The NHDES finds that because the project is not of significant public interest and will not significantly impair the resources of Lake Winnepesaukee a public hearing under RSA 482-A:8 is not required.
14. The Tuftonboro Conservation Commission submitted a letter to NHDES on June 28, 2022 stating that the Tuftonboro Conservation Commission has no objection to the issuance of the permit.
15. The NHDES finds that the project as proposed and conditioned meets the requirements of RSA 482-A and the Wetlands Program Code of Administrative Rules Chapters Env-Wt 100 - 900.

NHDES Wetlands Bureau permit #2022-01924 application documents are enclosed for review by the Governor and the Executive Council in consideration of this request and in accordance with RSA 482-A:3, II(a), as it is a major project located in New Hampshire public waters.

We respectfully request your approval of this item.


Robert R. Scott
Commissioner



STANDARD DREDGE AND FILL WETLANDS PERMIT APPLICATION

Water Division/Land Resources Management
Wetlands Bureau



Check the Status of your Application

*DOUBLE SIDED APPLICATION
PACKAGE

RSA/Rule: RSA 482-A/Env-Wt 100-900

APPLICANT'S NAME: YMCA of Greater Boston

TOWN NAME: Tuftonboro

	<p>As of COMPLETE 9/7/2022</p>	<p>Administrative Use Only</p>	<p>File No: <u>2022-01924</u> Check No: <u>516344</u> Amount: <u>1,399.00</u> Initials: <u>BJH</u></p>
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A person may request a waiver to requirements in Rules Env-Wt 100-900 to accommodate situations where strict adherence to the requirements would not be in the best interests of the public or the environment. A person may also request a waiver of standard for existing dwellings over water pursuant to RSA 482-A:26, III (b). For more information, please consult the request form.

SECTION 1 - REQUIRED PLANNING FOR ALL PROJECTS (Env-Wt 306.05; RSA 482-A:3, (d)(2))
Please use the Wetland Permit Planning Tool (WPP), the Natural Heritage Bureau (NHB) DataCheck Tool, the Aquatic Resource Mapper, or other sources to assist in identifying key features such as: priority resource areas (PRAs), protected species or habitats, coastal areas, designated rivers, or designated prime wetlands.

Has the required planning been completed? Yes No

Does the property contain a PRA? Yes No. If yes, provide the following information:

- Does the project qualify for an Impact Classification Adjustment or a Project-Type Exception (See Env-Wt 407.02 and Env-Wt 407.04)? Yes No
- Protected species or habitat? Yes No. If yes, species or habitat name(s):
- NHB Project ID #: NHB22-1924
- Bog? Yes No
- Floodplain wetland contiguous to a tier 3 or higher watercourse? Yes No
- Designated Prime Wetland or duly-established 100-foot buffer? Yes No
- Sand dune, tidal wetland, tidal water, or undeveloped tidal buffer zone? Yes No

Is the property within a Designated River corridor? Yes No. If yes, provide the following information:

- Name of Local River Management Advisory Committee (LAC): N/A
- A copy of the application was sent to the LAC on Month: X Day: X Year: XXX

For stream crossing projects, provide watershed size: N/A

For dredging projects, is the subject property contaminated? Yes No
If yes, list contaminant: N/A

Is there potential to impact impaired waters, class A waters, or outstanding resource waters? Yes No

SECTION 2 - PROJECT DESCRIPTION (Env-Wt 311.04(i))

Provide a brief description of the project and the purpose of the project, outlining the scope of work to be performed and whether impacts are temporary or permanent. DO NOT reply "See attached" in the space provided below.

Make necessary repairs to the northern docking facility as approved in NHDES Approvals 2001-01439 and 2012-01297 but modify the docking structure to remove the southern finger piers (111.10 sf permanent impacts) supporting 6 pre-existing boatslips with seasonal docks (floating) to accommodate 6 "boatslips" as defined as 8'wx25'lx3'depth (Env-Wt 513.23). The docking facility (north dock) accommodates 15 pre-existing 6'x20' boatslips. The modification will reduce the number of slips to 13 boatslips as defined as 8'wx25'lx3'depth thereby reducing slips by two. The project meets Env-Wt. 311.07 Demonstration of Avoidance & Minimization by removing permanent square foot impacts over and within public waters (-111.10 sf) and providing seasonal impacts to achieve the more conforming boatslip measures. The new seasonal docks will still be accessed by the existing dock but by a seasonal 4'x10' aluminum gangway. This is the least impacting alternative when compared to other alternatives. An alternative would be to provide steps over the bank with an additional 4'x12' dock section to achieve access (+/- 36 sf bank impact/ 84 sf total impact). The repairs would be considered a minimum impact per Env-Wt. 513.24 (a)(2) and the modification would be considered a major impact per Env-Wt. 513.24 (c). The project meets Env-Wt. 307.13 (a) Property Line Setbacks as it is it's own island with approximately 7,800 linear feet of frontage. This project would meet Env-Wt. 513.23 Modification of Existing Structures (b).

SECTION 3 - PROJECT LOCATION

Separate wetland permit applications must be submitted for each municipality within which wetland impacts occur.

ADDRESS: <u>Sandy Island</u>	TOWN/CITY: <u>Huttonboro</u>
TAX MAP/BLOCK/LOT/UNIT: <u>23-1-1</u>	
US GEOLOGICAL SURVEY (USGS) TOPO MAP WATERBODY NAME: <u>Lake Winnibesaukee</u>	
<input checked="" type="checkbox"/> N/A	
(Optional) LATITUDE/LONGITUDE in decimal degrees (to five decimal places):	<u>43.62567° North</u> <u>71.33379° West</u>

SECTION 4 - APPLICANT (DESIRED PERMIT HOLDER) INFORMATION (Env-Wt 311.04(a))

If the applicant is a trust or a company, then complete with the trust or company information.

NAME: <u>YMCA of Greater Boston c/o Mark Straubel Associate Exec Director</u>			
MAILING ADDRESS: <u>316 Huntington Ave</u>			
TOWN/CITY: <u>Boston</u>	STATE: <u>MA</u>	ZIP CODE: <u>02115</u>	
EMAIL ADDRESS: <u>See agent info</u>	FAX: <u>n/a</u>	PHONE: <u>n/a</u>	
ELECTRONIC COMMUNICATION: By initialing here: <u>n/a</u> I hereby authorize NHDES to communicate all matters relative to this application electronically.			

SECTION 5 - AUTHORIZED AGENT INFORMATION (Env-Wt 311.04(c))

<input checked="" type="checkbox"/> N/A			
LAST NAME, FIRST NAME, M.I.: <u>Folsom, Allen</u>			
COMPANY NAME: <u>Advantage NH Lakes</u>		MAILING ADDRESS: <u>P.O. Box 862</u>	
TOWN/CITY: <u>Wolfboro Falls</u>	STATE: <u>NH</u>	ZIP CODE: <u>03896</u>	
EMAIL ADDRESS: <u>[redacted]</u>	FAX: <u>n/a</u>	PHONE: <u>603-998-0619</u>	
ELECTRONIC COMMUNICATION: By initialing here: <u>AE</u> I hereby authorize NHDES to communicate all matters relative to this application electronically.			

SECTION 6: PROPERTY OWNER INFORMATION (IF DIFFERENT THAN APPLICANT) (Env-Wt 311.04(b))
 If the owner is a trust or a company, then complete with the trust or company information.
 Same as applicant

NAME: [REDACTED]

MAILING ADDRESS: [REDACTED]

TOWN/CITY: [REDACTED] STATE: [REDACTED] ZIP CODE: [REDACTED]

EMAIL ADDRESS: [REDACTED] FAX: [REDACTED] PHONE: [REDACTED]

ELECTRONIC COMMUNICATION: By initialing here [REDACTED], I hereby authorize NHDES to communicate all matters relative to this application electronically.

SECTION 7: RESOURCE SPECIFIC CRITERIA ESTABLISHED IN Env-Wt 400, Env-Wt 500, Env-Wt 600, Env-Wt 700, OR Env-Wt 900 HAVE BEEN MET (Env-Wt 313.01(a)(3)).

Describe how the resource-specific criteria have been met for each Chapter listed above (please attach information about stream crossings, coastal resources, prime wetlands, or non-tidal wetlands and surface waters).
 See all package information supplied. Some specific items are addressed below.
 The project meets Env-Wt 311.07 Demonstration of Avoidance and Minimization
 The project does not require a CWS delineation pursuant to Env-Wt 406.03(5) nor a functional assessment as it is located over public submerged lands and is a dock project.
 The project is a P.I.B. (Project Type Exception) as listed in Table 407.2 Docking structures and accessory docking structures as specified in Env-Wt 513.
 The project meets Env-Wt 513.23 Modification of Existing Docking Structures.
 The project meets Env-Wt 513.10 Setback Requirements.

SECTION 8: AVOIDANCE AND MINIMIZATION

Impacts within wetland jurisdiction must be avoided to the maximum extent practicable (Env-Wt 313.03(a)). If all impacts cannot be avoided, a functional assessment is required for minor and major projects (Env-Wt 311.03(b)(10)). Any project with unavoidable jurisdictional impacts must then be minimized as described in the Wetlands Best Management Practice Techniques For Avoidance and Minimization and the Wetlands Permitting: Avoidance, Minimization and Mitigation Fact Sheet.
 Please refer to the application checklist to ensure that you have attached all documents related to avoidance and minimization, as well as functional assessment (where applicable). You can use the Avoidance and Minimization Checklist, the Avoidance and Minimization Narrative, or your own avoidance and minimization narrative.

SECTION 9 - MITIGATION REQUIREMENT (Env-Wt 311.02)

If unavoidable jurisdictional impacts require mitigation, a mitigation pre-application meeting must occur at least 30 days but not more than 90 days prior to submitting this Standard Dredge and Fill Permit Application.

Mitigation Pre-Application Meeting Date: Month: Day: Year:

N/A - Mitigation is not required

SECTION 10 - THE PROJECT MEETS COMPENSATORY MITIGATION REQUIREMENTS (Env-Wt 313.01(a)(1)c)

Have you submitted a compensatory mitigation proposal that meets the requirements of Env-Wt 800 for all permanent impacts that will remain after avoidance and minimization demonstration? Yes No

N/A - Mitigation is not required

SECTION 11 - IMPACT AREA (Env-Wt 311.04(g))

For each jurisdictional area that will be/has been impacted, provide square feet (SF) and, if applicable, linear feet (LF) of impact, and note whether the impact is after-the-fact (ATF, i.e., work was started or completed without required permitting). For intermittent and ephemeral* streams, the linear footage of impact is measured along the thread of the channel. *Please note, installation of a stream crossing in an ephemeral stream may be undertaken without a permit per Rule Env-Wt 309.02(d), however other dredge or fill impacts should be included below. For perennial streams/ rivers, the linear footage of impact is calculated by summing the lengths of disturbances to the channel and banks. Permanent impacts are impacts that will remain after the project is complete (e.g., changes in grade or surface materials). Temporary impacts are impacts not intended to remain (and will be restored to pre-construction conditions) after the project is completed.

JURISDICTIONAL AREA		PERMANENT			TEMPORARY		
		SF	LF	ATF	SF	LF	ATF
Wetlands	Forested Wetland			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Scrub-shrub Wetland			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Emergent Wetland			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Wet Meadow			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Vernal Pool			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Designated Prime Wetland			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Duly-established 100-foot Prime Wetland Buffer			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Surface Water	Intermittent / Ephemeral* Stream			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Perennial Stream or River			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Lake / Pond			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Docking - Lake / Pond	4,531.08		<input checked="" type="checkbox"/>	499.8		<input checked="" type="checkbox"/>
	Docking - River			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Banks	Bank - Intermittent Stream			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Bank - Perennial Stream / River			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Bank/shoreline - Lake / Pond			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
Tidal	Tidal Waters			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Tidal Marsh			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Sand Dune			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Undeveloped Tidal Buffer Zone (TBZ)			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Previously-developed TBZ			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
	Docking - Tidal Water			<input checked="" type="checkbox"/>			<input checked="" type="checkbox"/>
TOTAL		4,531.08			499.8		

SECTION 12. APPLICATION FEE (RSA 482-A:3)

- MINIMUM IMPACT FEE:** Flat fee of \$400
- NON-ENFORCEMENT RELATED, PUBLICLY-FUNDED AND SUPERVISED RESTORATION PROJECTS, REGARDLESS OF IMPACT CLASSIFICATION:** Flat fee of \$400 (refer to RSA 482-A:3, 1(c) for restrictions)
- MINOR OR MAJOR IMPACT FEE:** Calculate using the table below:

Permanent and temporary (non-docking):	<input checked="" type="checkbox"/> SF	x \$0.40 =	\$ <input type="text"/>
Seasonal docking structure:	<input checked="" type="checkbox"/> SF	x \$2.00 =	\$ <input type="text"/>
Permanent docking structure:	111.1 SF	x \$4.00 =	\$ <input type="text"/>
Projects proposing shoreline structures (including docks) add \$400 =			\$ <input type="text"/>
Total =			\$ <input type="text"/>

The application fee for minor or major impact is the above calculated total or \$400, whichever is greater = \$

SECTION 13. PROJECT CLASSIFICATION (Env. Wt. 306:05)

Indicate the project classification:


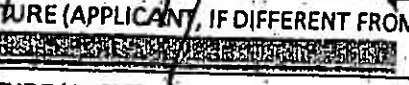

- Minimum Impact Project
- Minor Project
- Major Project


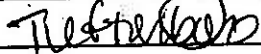
SECTION 14. REQUIRED CERTIFICATIONS (Env. Wt. 310:11)

Initial each box below to certify:

- Initials: To the best of the signer's knowledge and belief, all required notifications have been provided.
- Initials: The information submitted on or with the application is true, complete, and not misleading to the best of the signer's knowledge and belief.
- Initials: The signer understands that:
 - The submission of false, incomplete, or misleading information constitutes grounds for NHDES to:
 1. Deny the application.
 2. Revoke any approval that is granted based on the information. And
 3. If the signer is a certified wetland scientist, licensed surveyor, or professional engineer licensed to practice in New Hampshire, refer the matter to the joint board of licensure and certification established by RSA 310-A:1.
 - The signer is subject to the penalties specified in New Hampshire law for falsification in official matters, currently RSA 641.
 - The signature shall constitute authorization for the municipal conservation commission and the Department to inspect the site of the proposed project, except for minimum impact trail projects, where the signature shall authorize only the Department to inspect the site pursuant to RSA 482-A:6, II.
- Initials: If the applicant is not the owner of the property, each property owner signature shall constitute certification by the signer that he or she is aware of the application being filed and does not object to the filing.

SECTION 15. REQUIRED SIGNATURE (Env. Wt. 311:04) (Env. Wt. 311:05)

SIGNATURE (OWNER): 	PRINT NAME LEGIBLY: Mark Strabel, Associate Director, Wild, 1984	DATE: <input type="text"/>
SIGNATURE (APPLICANT, IF DIFFERENT FROM OWNER): 	PRINT NAME LEGIBLY: <input type="text"/>	DATE: <input type="text"/>
SIGNATURE (AGENT, IF APPLICABLE): 	PRINT NAME LEGIBLY: Allet, 1984	DATE: <input type="text"/>

SECTION 16 TOWN/CITY CLERK SIGNATURE (Env-W-311/04(1))	
As required by RSA 482-A:3, I(a),(1), I hereby certify that the applicant has filed four application forms, four detailed plans, and four USGS location maps with the town/city indicated below.	
TOWN/CITY CLERK SIGNATURE: 	PRINT NAME LEGIBLY: Jennifer Coakley
TOWN/CITY: 	DATE: 10/29/22

DIRECTIONS FOR TOWN/CITY CLERK:

Per RSA 482-A:3, I(a)(1)

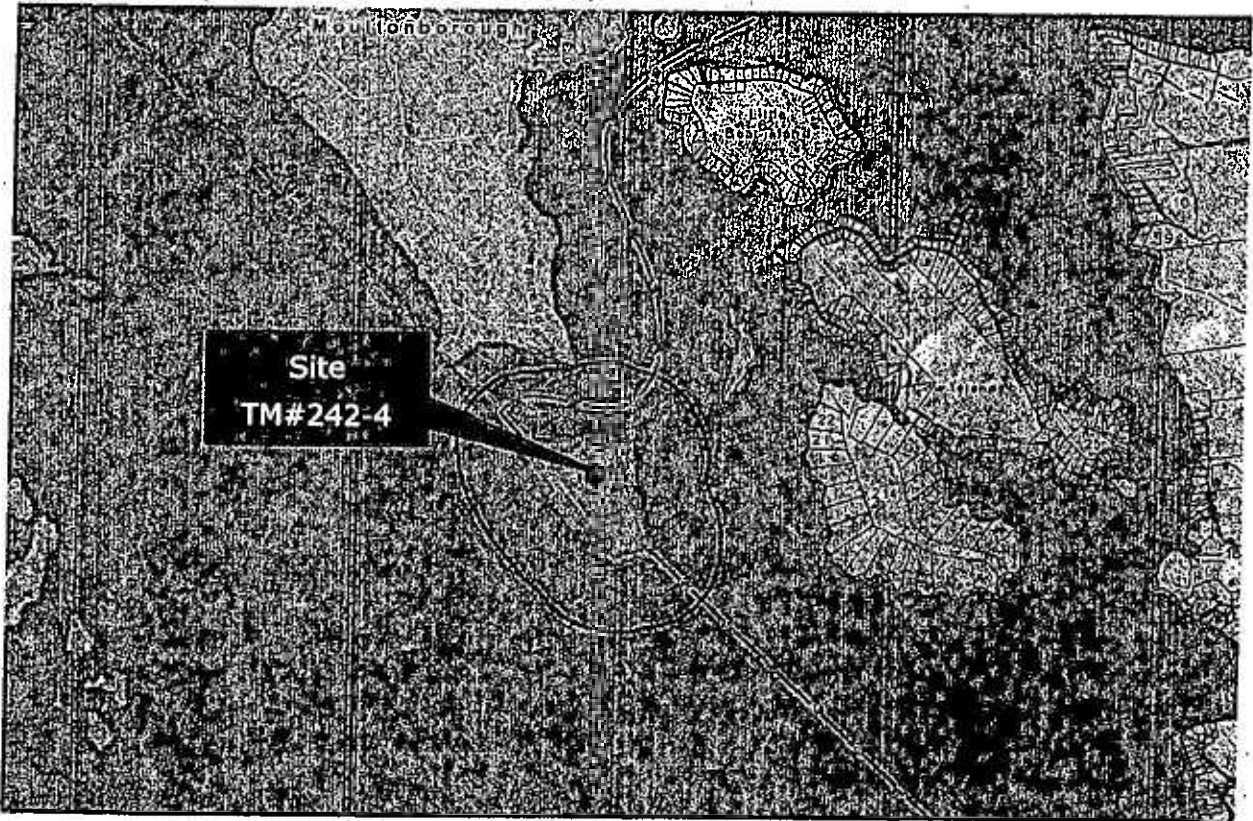
1. IMMEDIATELY sign the original application form and four copies in the signature space provided above.
2. Return the signed original application form and attachments to the applicant so that the applicant may submit the application form and attachments to NHDES by mail or hand delivery.
3. IMMEDIATELY distribute a copy of the application with one complete set of attachments to each of the following bodies: the municipal Conservation Commission, the local governing body (Board of Selectmen or Town/City Council), and the Planning Board. And
4. Retain one copy of the application form and one complete set of attachments and make them reasonably accessible for public review.

DIRECTIONS FOR APPLICANT:

Submit the single, original permit application form bearing the signature of the Town/City Clerk, additional materials, and the application fee to NHDES by mail or hand delivery at the address at the bottom of this page.

YMCA of Greater Boston, Sandy Island, Tuftonboro, NH

- No abutters located within a 1/4mile of project area



RECEIVED
JUL 06 2022
NHDES
LAND RESOURCES MANAGEMENT



MELVIN VILLAGE QUADRANGLE
NEW HAMPSHIRE
TOPOGRAPHIC SERIES (OSSIPPE LAKE)

(CENTER SANDWICH)

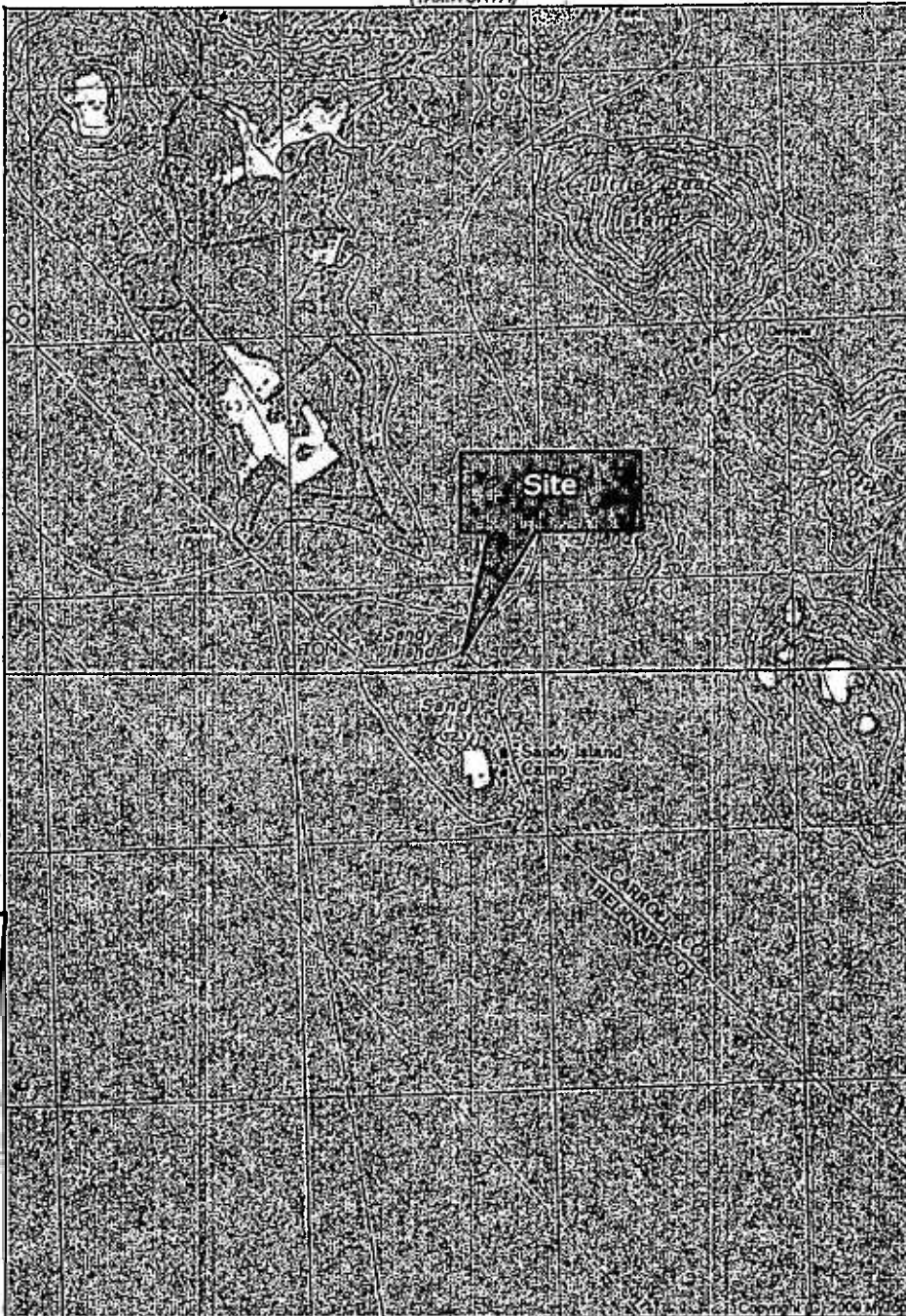
071° 21' 23.43" W
043° 36' 55.17" N

(TAMWORTH)

071° 18' 40.82" W
043° 36' 55.17" N

(CENTER HARBOR)

(TUFTONBORO)



RECEIVED
JUL 06 2022
NHDES
LAND RESOURCES MANAGEMENT

043° 36' 07.80" W
071° 21' 23.43" W

(WEST ALTON)

Produced: MAR JUN 13 2022

043° 36' 07.80" W
071° 18' 40.82" W

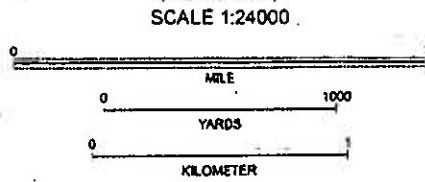
(LACONIA)

(WOLFEBORO)

Produced by MyTopo Terrain Navigator
Topography based on USGS 1:24,000
Maps

North American 1983 Datum (NAD83)
Transverse Mercator Projection

To place on the predicted North American
1927 zone the projection lines 84M N and
88M E



CONTOUR INTERVAL 20 FEET
NATIONAL GEODETIC VERTICAL DATUM 1929

Site
Map
Not to scale

Shoreland Applications * Wetland Applications * Effluent Disposal System Designs * Project Management.
Office: 603-998-0619 * P.O. Box 862, Wolfboro Falls, NH 03896
www.AdvantageNHLakes.com
Advantagenhlakes@gmail.com Email

2022-01924

TUFTONBORO CONSERVATION COMMISSION
TOWN OFFICES P.O. BOX 98
CENTER TUFTONBORO, N.H. 03816

TEL: (603) 569-4539

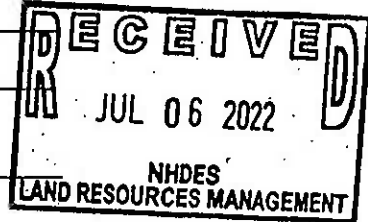
FAX: (603) 569-4328

DATE: 10/28/22

FILE NUMBER: _____

REPORT TO THE WETLANDS BUREAU FROM THE TUFTONBORO CONSERVATION COMMISSION REGARDING THE STANDARD DREDGE AND FILL APPLICATION OF:

APPLICANT: YMCA of Greater Boston
Name
SITE: Sandy Island
Location
23-4-1
Tax Map/Block/Lot



MAILING ADDRESS: c/o Mark Strausel
316 Huntington Ave
Boston, MA 02115

DATE OF APPLICATION: Joseph Cestee
(Town Clerk's Signature)

- We have no objections to the issuance of this permit.
- Please suspend action on this application pursuant to RSA 483-A:4-a IV, so that we may further review this project.
- We defer this application to the Wetlands Bureau.
- Site visit made
- We have reviewed this application and would like to make the following Recommendations:

[Signature]
SIGNATURE OF COMMISSIONER

New Hampshire Natural Heritage Bureau
NHB DataCheck Results Letter

To: Allen Folsom
P.O. Box 862
Wolfeboro Falls, NH 03896

From: NH Natural Heritage Bureau

Date: 6/1/2022 (This letter is valid through 6/1/2023)

Re: Review by NH Natural Heritage Bureau of request dated 6/1/2022

Permit Type: Wetland Standard Dredge & Fill - Major

NHB ID: NHB22-1924

Applicant: Allen Folsom

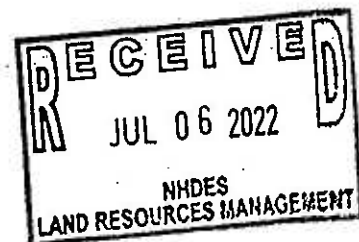
Location: TUFTONBORO
Tax Map: 23, Tax Lot: 1-1
Address: sandy island

Proj. Description: Make necessary repairs to the northern docking facility as approved in NHDES Approvals 2001-01439 and 2012-01297 but modify the docking structure to remove the southern finger piers (111.10 sf permanent impacts) supporting 6 pre-existing boatslips with seasonal docks (floating) to accommodate 6 "boatslips" as defined as 8'wx25'l x 3' depth (Env-Wt 513.23).

The NH Natural Heritage database has been checked for records of rare species and exemplary natural communities near the area mapped below. The species considered include those listed as Threatened or Endangered by either the state of New Hampshire or the federal government. We currently have no recorded occurrences for sensitive species near this project area.

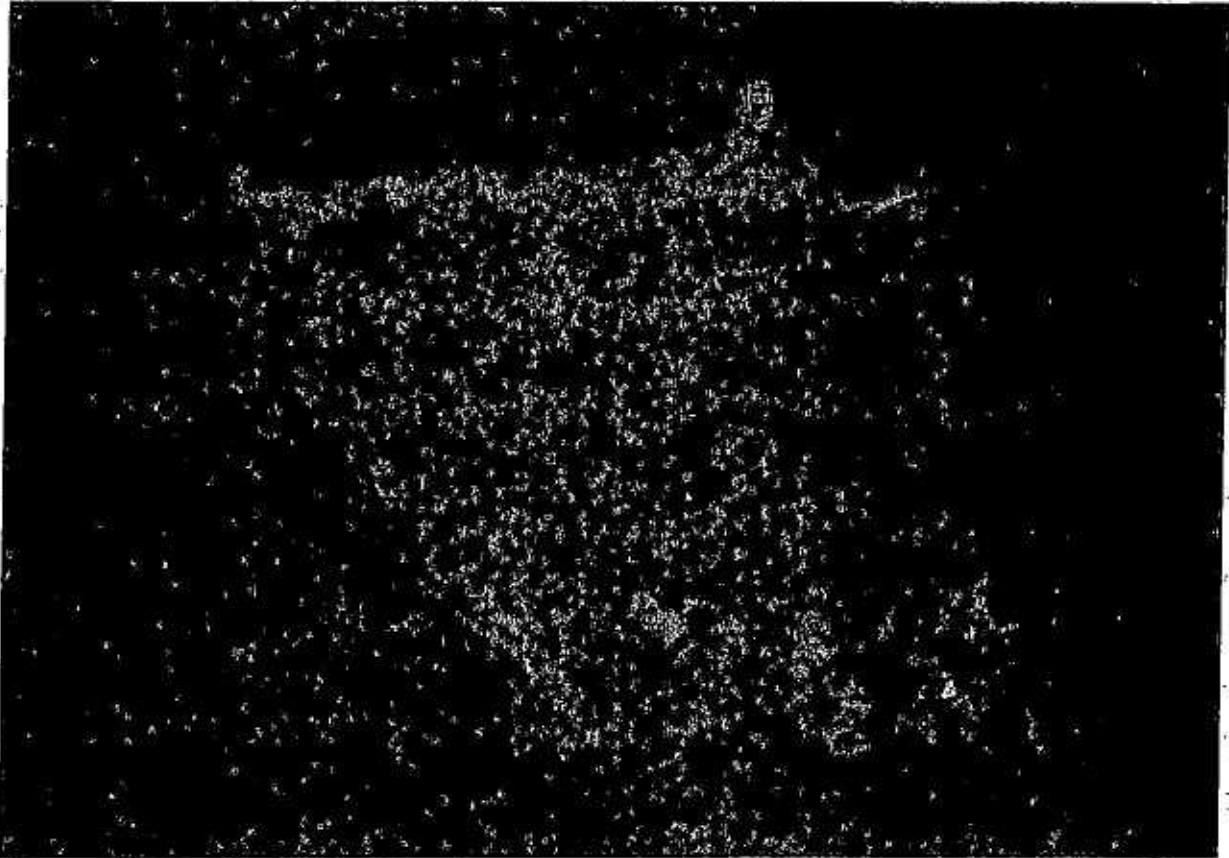
A negative result (no record in our database) does not mean that a sensitive species is not present. Our data can only tell you of known occurrences, based on information gathered by qualified biologists and reported to our office. However, many areas have never been surveyed, or have only been surveyed for certain species. An on-site survey would provide better information on what species and communities are indeed present.

Based on the information submitted, no further consultation with the NH Fish and Game Department pursuant to Fis 1004 is required.



New Hampshire Natural Heritage Bureau
NHB DataCheck Results Letter

MAP OF PROJECT BOUNDARIES FOR: NHB22-1924



ABUTTERS LIST

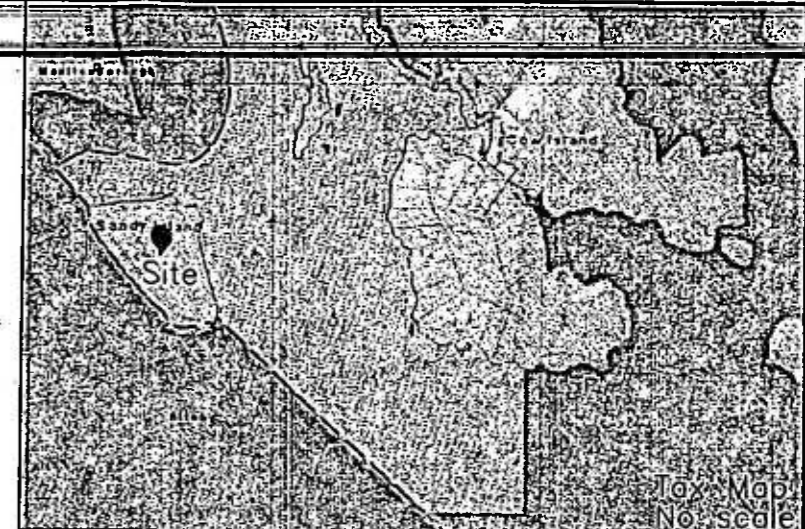
Name of property owner (s): YMCA of Greater Boston
c/o Mark Straubel Associate Exec Director
Location of proposed project: Tax Map 23 Block 1 Lot 1, Sandy Island, Tuftonboro, NH
Brief description of work: Wetlands Application

~~(There are no abutters within 1320' (1/4 mile) of Sandy Island)~~

Flowage Rights;
NHDES Water Division- Dam Bureau
P.O. Box 95
Concord, NH 03302-0095
Attn: James Gallagher

RSA 483-B:4 I.

"Abutter" means any person who owns property that is immediately contiguous to the property on which the proposed work will take place, or who owns flowage rights on such property. The term does not include those properties separated by a public road or more than 1/4 mile from the limits of the proposed work. If contiguous properties are owned by the person who is proposing the work; then the term includes the person owning the next contiguous property, subject to the 1/4 mile limitation.



Legend

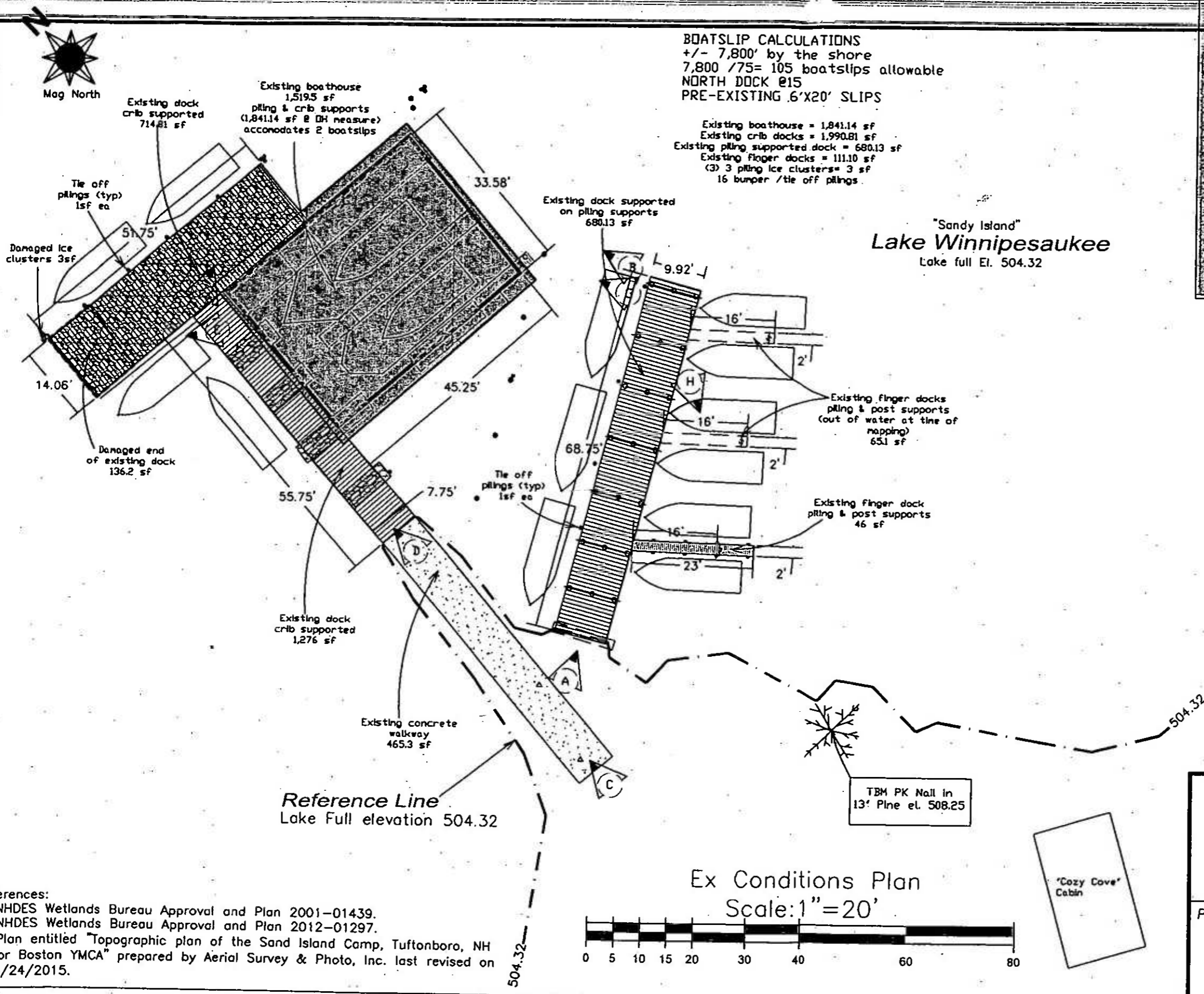
- Existing boathouse overhang
- Approximate Property Line
- Full Lake elevation
- Denotes Photo Locations, sequence and direction
- Property monument found
- Existing rock crib supports
- Existing dock
- Existing piling (extending above 504.32)
- Existing damaged piling
- Existing dock support piling
- Existing dislodge support piling
- Existing dock not in water at time of mapping
- Proposed seasonal dock

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 LAND RESOURCE UNIT

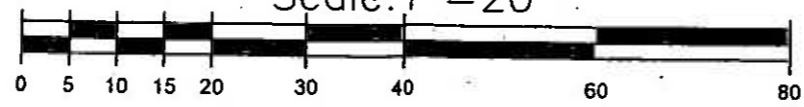
BOATSLIP CALCULATIONS
 +/- 7,800' by the shore
 7,800 / 75 = 105 boatslips allowable
 NORTH DOCK @15
 PRE-EXISTING .6'x20' SLIPS

Existing boathouse = 1,841.14 sf
 Existing crib docks = 1,990.81 sf
 Existing piling supported dock = 680.13 sf
 Existing finger docks = 111.10 sf
 (3) 3 piling ice clusters = 3 sf
 16 bumper / tie off pilings

"Sandy Island"
Lake Winnepesaukee
 Lake full El. 504.32



Ex Conditions Plan
 Scale: 1" = 20'



- References:
- NHDES Wetlands Bureau Approval and Plan 2001-01439.
 - NHDES Wetlands Bureau Approval and Plan 2012-01297.
 - Plan entitled "Topographic plan of the Sand Island Camp, Tuftonboro, NH for Boston YMCA" prepared by Aerial Survey & Photo, Inc. last revised on 3/24/2015.

Notes:
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 2. All structural information should be verified by an engineer prior to construction.

Date	Revision

Wetlands Bureau Application Plan
 Prepared for:
Boston YMCA
 Sandy Island, Tuftonboro, NH
 Lake Winnepesaukee
 Map & Lot #'s: Map 23 Block 1 Lot 1

Prepared by:
ADVANTAGE
 NH LAKES
 Advantage NH Lakes
 P.O. Box 862, Wolfeboro Falls, NH 03896
 (603) 998-0619 phone advantagenhlakes@gmail.com email

Drawing Scale: As noted
 Date: 5-31-2022
 1929 NGVD
 File # SandyIsland22

Drawn By: Allen Folsom
 Sheet: 1 of 3

Repair/Replacement to meet Crv=V.L. 104.05 and 104.06 with no change in size, dimensions, location, configuration, construction, or which conforms in all material aspects to the original structure.
 Repair/Replacement of existing legal structures pursuant to Crv=V.L. 104.05 and 104.06 and other structures.

BOATSLIP CALCULATIONS

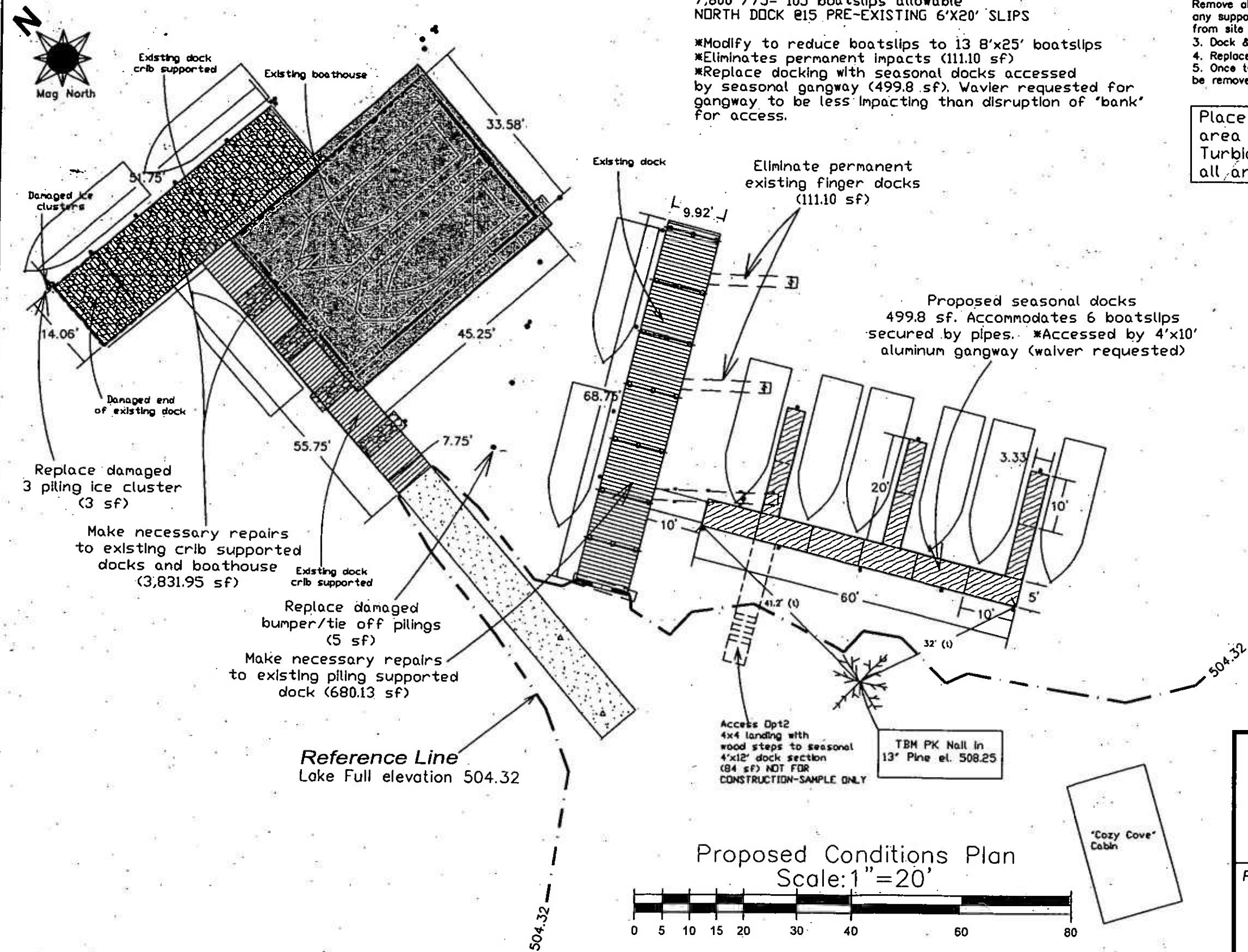
+/- 7,800' by the shore
 7,800 / 75 = 105 boatslips allowable
 NORTH DOCK @ 15 PRE-EXISTING 6'x20' SLIPS

- *Modify to reduce boatslips to 13 8'x25' boatslips
- *Eliminates permanent impacts (111.10 sf)
- *Replace docking with seasonal docks accessed by seasonal gangway (499.8 sf). Waiver requested for gangway to be less impacting than disruption of 'bank' for access.

Construction Sequence:

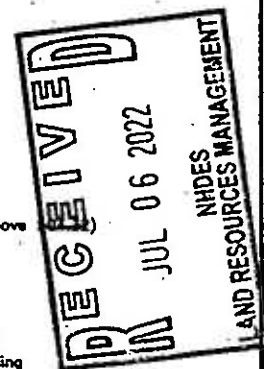
1. Utilize appropriate erosion controls such as a turbidity curtain to surround work area and remain until all areas are stabilized.
2. Make necessary repairs to the existing dock & boathouse. Remove all existing unsound or damaged dock & boathouse material, including any supports. Damaged or unsound dock & support material to be removed from site and disposed of in an upland off site location.
3. Dock & boathouse to be repaired and/or reconstructed as per approved plans.
4. Replace damaged ice cluster and bumper/ tie-off pilings
5. Once turbidity has cleared and construction is complete turbidity curtain may be removed.

Place TURBIDITY CURTAIN around work area (dock and boathouse areas). Turbidity Curtain shall remain until all areas are stabilized.



Legend

- Existing boathouse overhang
- Approximate Property Line
- Full Lake elevation
- Denotes Photo Locations, sequence and direction
- Property monument Found
- Existing rock crib supports
- Existing dock
- Existing piling (extending above)
- Existing damaged piling
- Existing dock support piling
- Existing dislodged support piling
- Existing dock not in water at time of mapping
- Proposed seasonal dock



Wetlands Bureau Application Plan
 Prepared for:
Boston YMCA
 Sandy Island, Tuftonboro, NH
 Lake Winnepesaukee
 Map & Lot #'s: Map 23 Block 1 Lot 1

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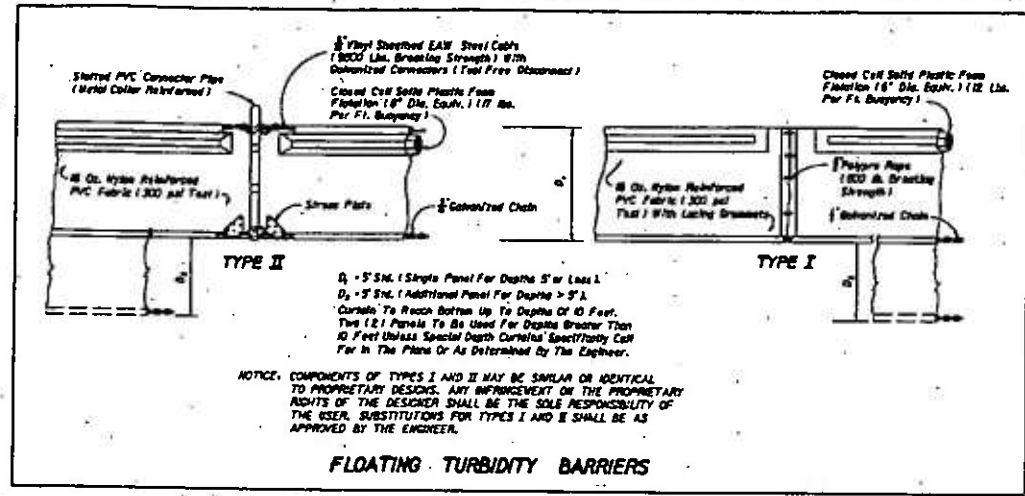
Drawing Scale: As noted	Date: 5-31-2022	Drawn By: Allen Folsom
1929 NGVD	File # SandyIsland22	Sheet: 2 of 3

Proposed Conditions Plan
 Scale: 1" = 20'

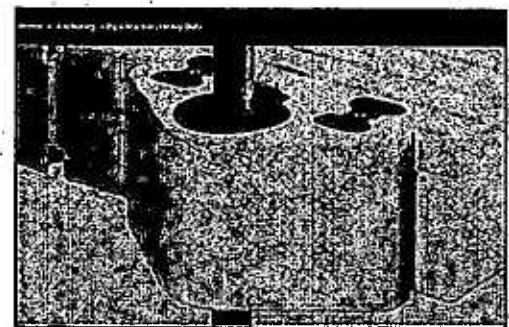


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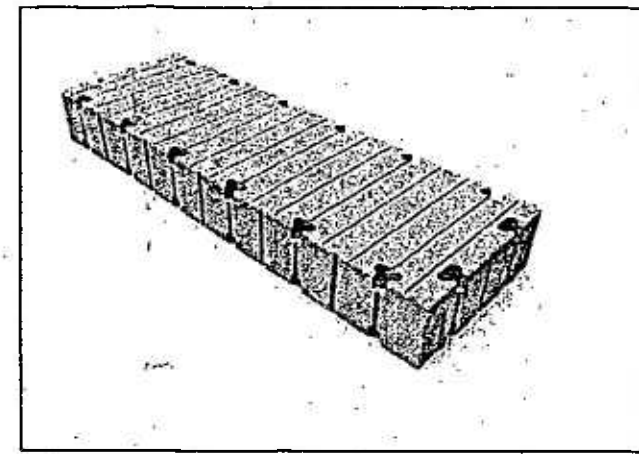
Date	Revision



Seasonal Dock Pipe Bracket
Not to Scale



Seasonal Dock Detail
Not to Scale



40" DOCK

SKU# 204010 Category: Dock Sections

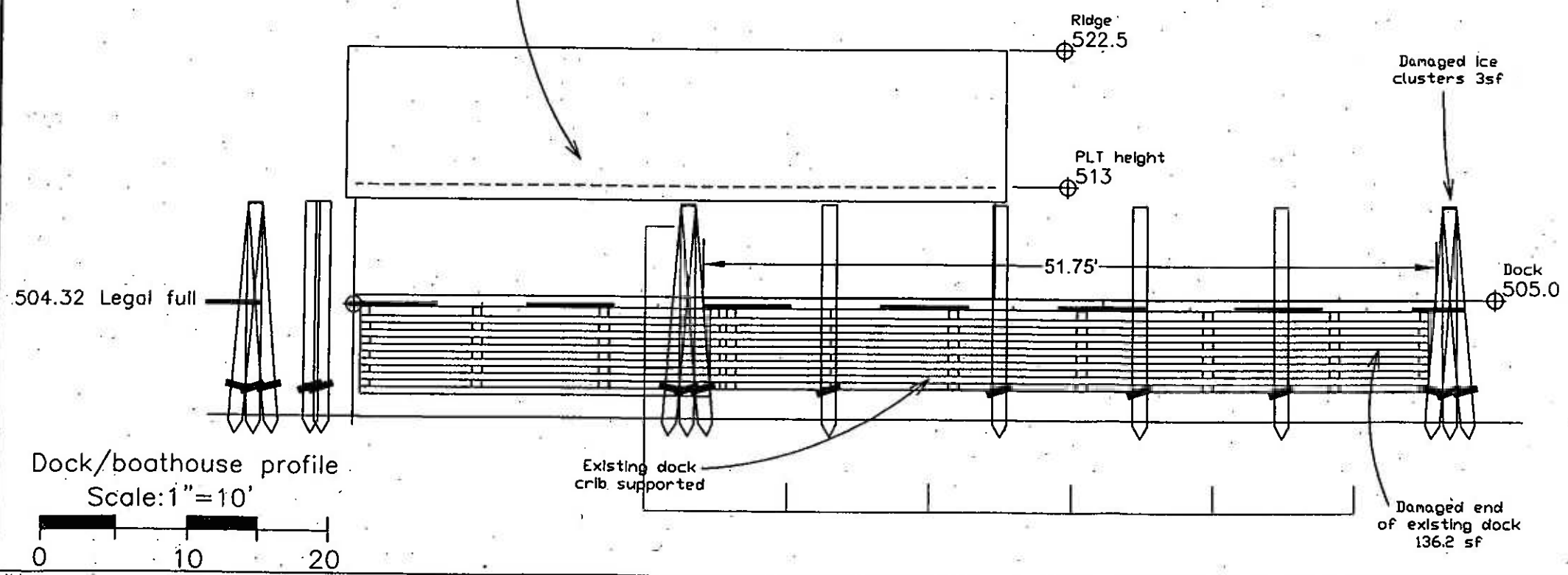
DIMENSIONS: 40" W x 10' L x 15" H

DESCRIPTION

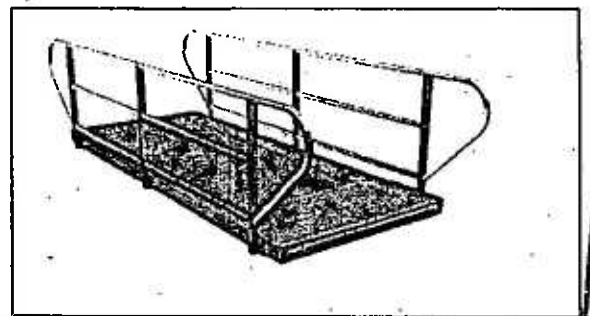
This 40" x 10' polyethylene dock section is durable, slip-resistant and low maintenance with 2,000 pounds of weight capacity.

Existing boathouse
1,519.5 sf
piling & crib supports
(1,841.14 sf @ DH measure)
accommodates 2 boatslips

Woodframe docks materials consist of;
PT Material;
4'x8' outside framework
2'x8' inside stringers
2'x6' decking
4'x6' tie off posts
Wood/rock crib supports



Seasonal Gangway Detail
Not to Scale



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 LAND RESOURCES MANAGEMENT

Wetlands Bureau Application Plan
Prepared for:
Boston YMCA
Sandy Island, Tuftonboro, NH
Lake Winnepesaukee
Map & Lot #'s: Map 23 Block 1 Lot 1

Prepared by:
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Drawing Scale: As noted	Date: 5-31-2022	Drawn By: Allen Folsom
1929 .NGVD	File # Fogarty18	Sheet: 3 of 3

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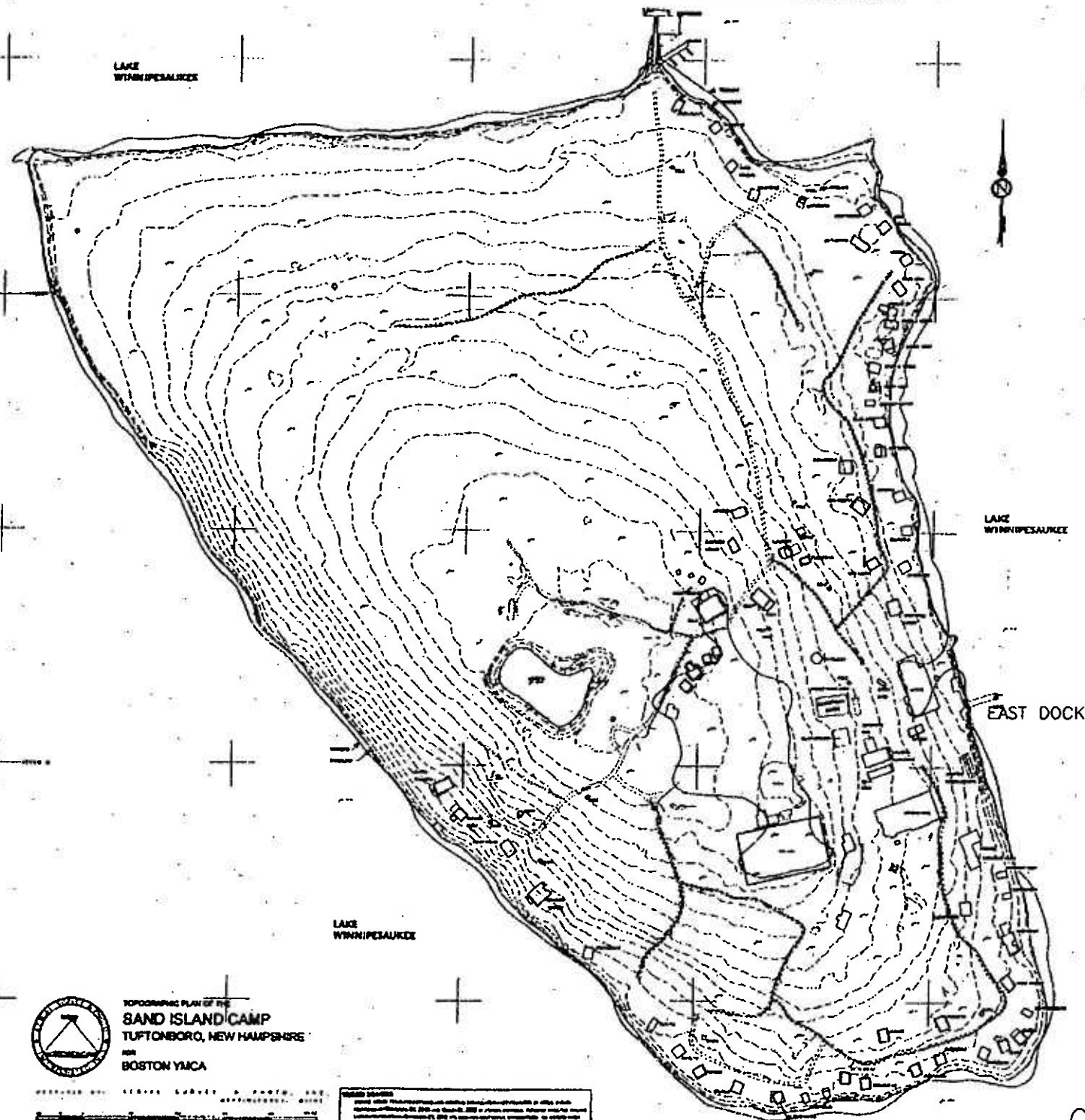
Date	Revision

NORTH DOCK & BOATHOUSE

BOATSLIP CALCULATIONS
 +/- 7,800' by the shore
 7,800 / 75 = 105 boatslips allowable

NORTH DOCK @15
 PRE-EXISTING 6'X20' SLIPS.

EAST DOCK @4
 PRE-EXISTING 6'X20' SLIPS



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 LAND RESOURCES MANAGEMENT



TOPOGRAPHIC PLAN OF THE
SAND ISLAND CAMP
 TUFTONBORO, NEW HAMPSHIRE
 FOR
 BOSTON YMCA

DESIGNED BY: CLARENCE LARSEN & PARTNERS, INC.
 1000 WASHINGTON STREET, SUITE 200
 CONCORD, NH 03301
 PHONE: (603) 224-1111
 FAX: (603) 224-1112
 WWW: www.clarence-larsen.com

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Overview Plan
 Not to scale

Wetlands Bureau Application Plan
 Prepared for:
Boston YMCA
 Sandy Island, Tuftonboro, NH
 Lake Winnepesaukee
 Map & Lot #'s: Map 23 Block 1 Lot 1

Prepared by:
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Date	Revision

Drawing Scale: As noted	Date: 5-31-2022	Drawn By: Allen Folsom
1929 NGVD	File # Sandysland22	Sheet: Overview Plan