

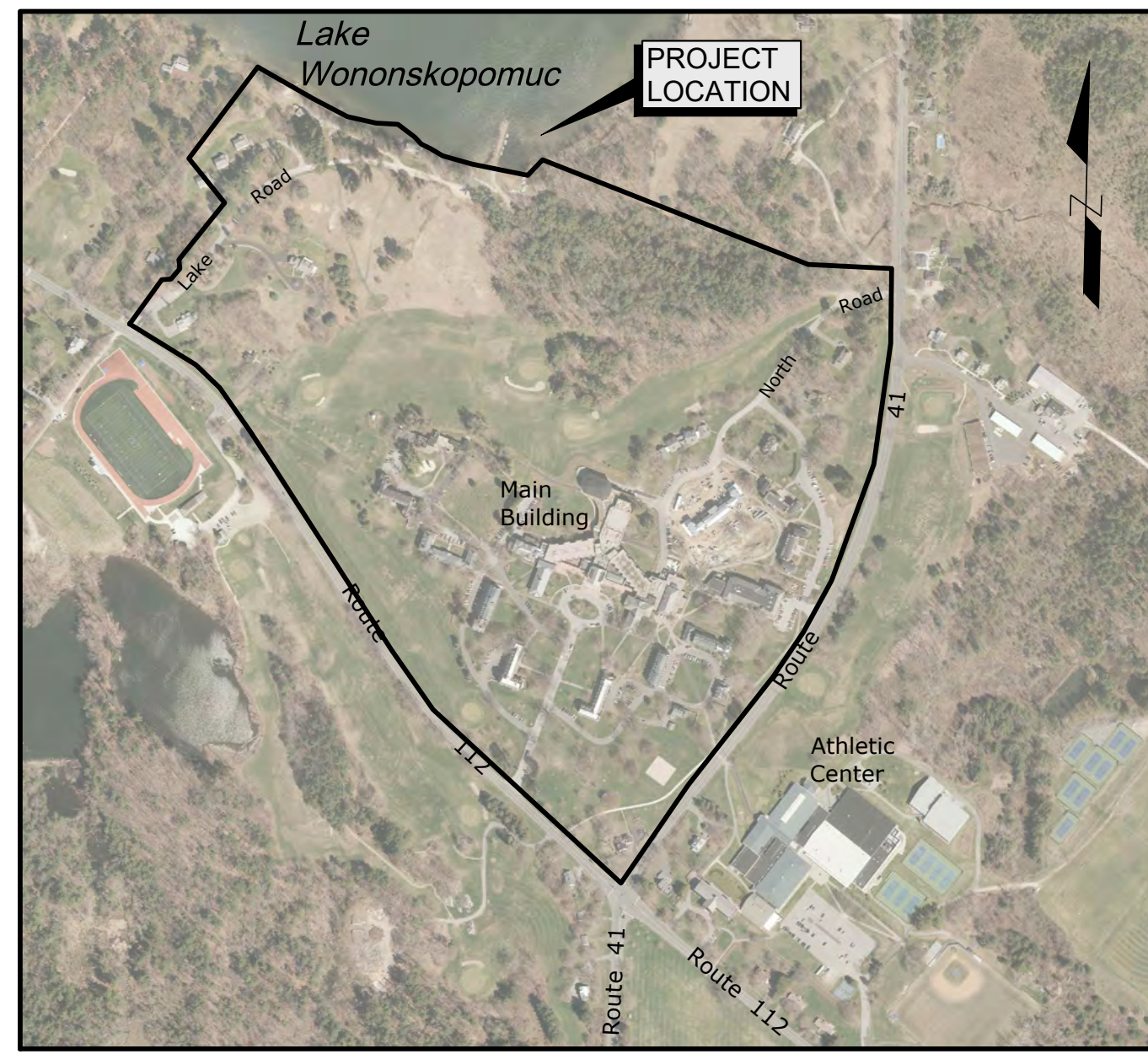
LAKE WONONSKOPOMUC DREDGING

THE HOTCHKISS SCHOOL

INTERLAKEN ROAD (ROUTE 112) - SALISBURY, CT

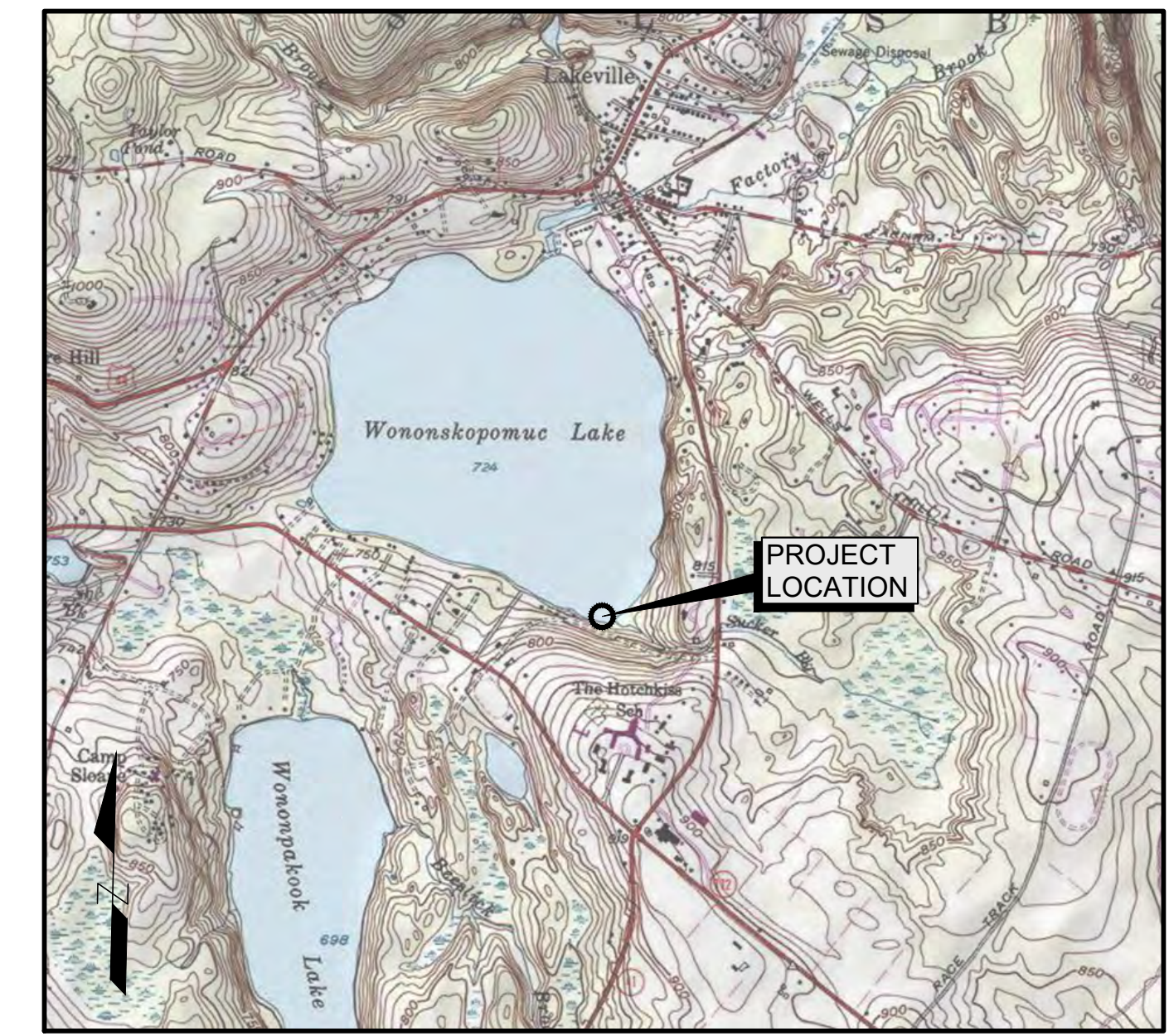
MAY 23, 2024

Revised: May 31, 2024
July 15, 2024



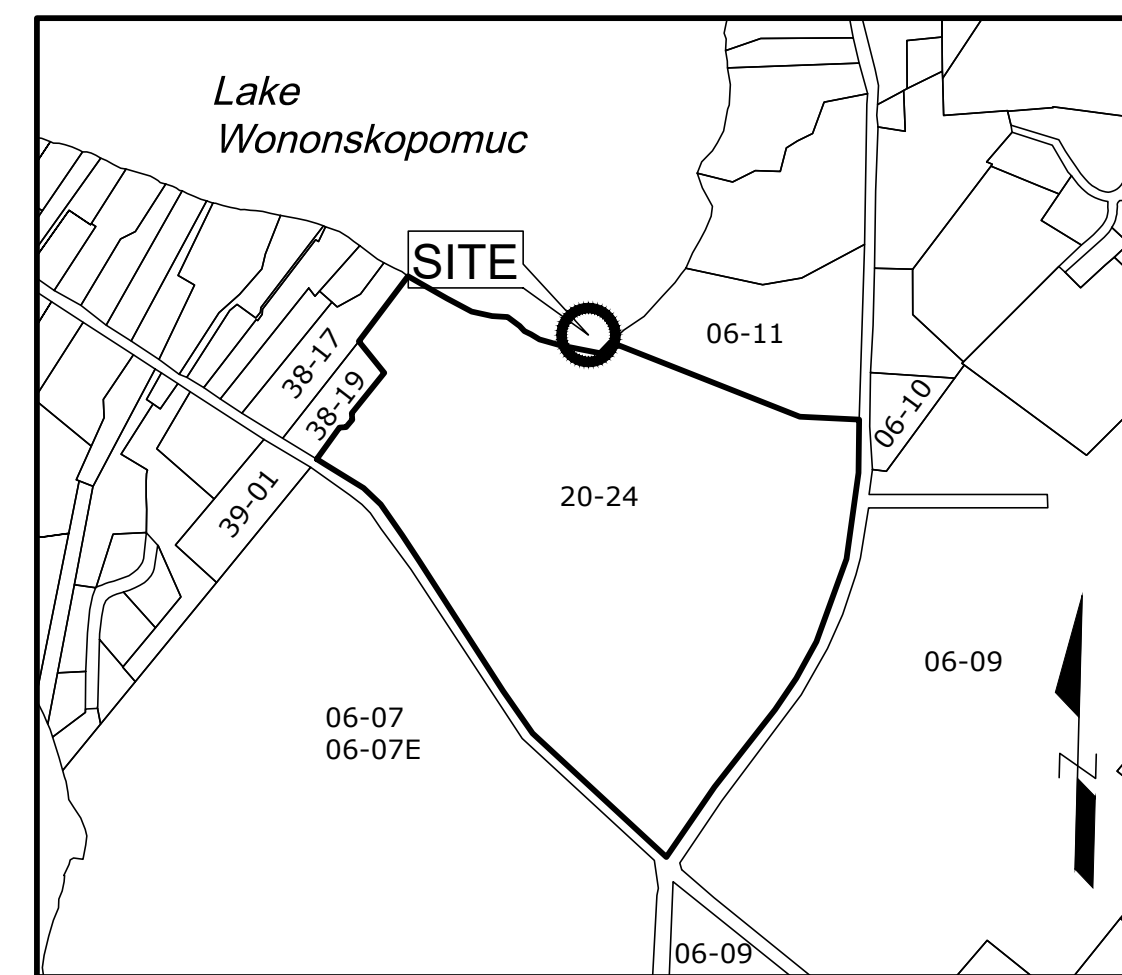
CAMPUS MAP

SCALE: 1"= 600'



LOCATION MAP

SCALE: 1"= 2000'



ABUTTERS MAP

SCALE: 1"= 1,000'

List of abutters as of May 20, 2024			
Map	Lot	Owner Name	Address
Direct abutting			
NORTH			
LAKE WONONSKOPOMUC			
06	11	SIMS JENNIFER & FRANK TR SIMS FAMILY TRUST	PO BOX 633 LAKEVILLE, CT 06039
EAST			
06	10	FINE ARTS TRUST LLC	164 SALMON KILL ROAD LAKEVILLE, CT 06039
06	09	HOTCHKISS SCHOOL	11 INTERLAKEN RD LAKEVILLE, CT 06039
SOUTH			
06	09	HOTCHKISS SCHOOL	11 INTERLAKEN RD LAKEVILLE, CT 06039
06	07	HOTCHKISS SCHOOL	11 INTERLAKEN RD LAKEVILLE, CT 06039
06	07E	SALISBURY TOWN OF	27 MAIN ST SALISBURY, CT 06068
39	01	HOTCHKISS SCHOOL	11 INTERLAKEN RD LAKEVILLE, CT 06039
WEST			
38	19	HOTCHKISS SCHOOL	11 INTERLAKEN RD LAKEVILLE, CT 06039
38	17	INTERLAKEN INN ASSOCIATES	74 INTERLAKEN RD LAKEVILLE, CT 06039

EXISTING		LEGEND		PROPOSED	
---	PROPERTY LINE	---	PROPERTY LINE	---	PROPERTY LINE
---	BLDG. SETBACK	---	BLDG. SETBACK	---	BLDG. SETBACK
---	CONTOUR LINE	---	CONTOUR LINE	---	CONTOUR LINE
---	SPOT ELEVATION	---	SPOT ELEVATION	---	SPOT ELEVATION
---	EDGE OF WATER	---	EDGE OF WATER	---	EDGE OF WATER
---	FILTER SOCK	---	FILTER SOCK	---	FILTER SOCK
---	HAYBALE BARRIER	---	HAYBALE BARRIER	---	HAYBALE BARRIER
---	CLEARING LINE	---	CLEARING LINE	---	CLEARING LINE

GENERAL NOTES

- The Contractor shall contact Call-Before-You-Dig at 1-800-922-4455 for marking of utilities prior to any excavation. Location of existing utilities is based on information provided by owner.
- The Contractor shall obtain copies of all permits and comply with all permit conditions.
- The contractor shall restore all disturbed areas to the satisfaction of the owner.
- The turbidity curtain and all dredging equipment must be thoroughly cleaned before use.
- The contractor shall drive any schools of fish out of the work area prior to installing the turbidity curtain.
- The work in the lake shall not be conducted between April 30 and June 30.

OWNER/APPLICANT

HOTCHKISS SCHOOL
11 INTERLAKEN RD
LAKEVILLE, CT 06039

LIST OF DRAWINGS

- | | |
|----|-----------|
| 01 | COVER |
| 02 | SITE PLAN |
| 03 | DETAILS |

REV	DATE	DESCRIPTION	BY	CHK
2	2024.07.15	Response to RWVC Comments	JS	TAP
1	2024.05.31	Miscellaneous	JS	TAP

PERMITTING



PROJECT
LAKE WONONSKOPOMUC DREDGING
THE HOTCHKISS SCHOOL
INTERLAKEN ROAD (ROUTE 112) - SALISBURY, CONNECTICUT

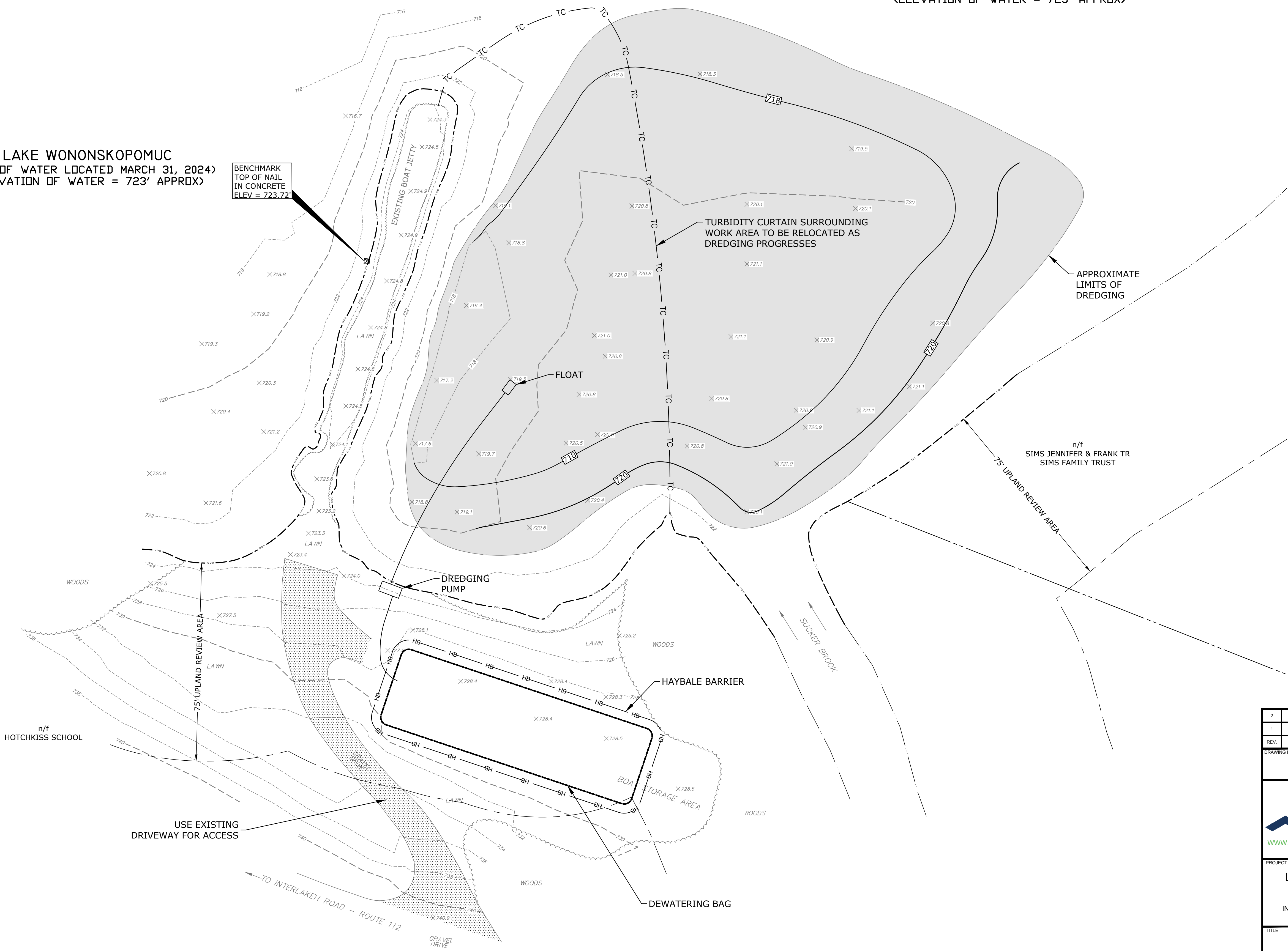
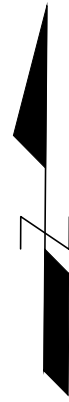
COVER

DATE	SCALE
May 23, 2024	1"= 20'
DRAWN BY JS	DESIGNED BY TAP
CHECKED BY JS	
PROJECT No. 4010251.003	
DRAWING No. 01	
REV. 2	

LAKE WONONSKOPOMUC
 (EDGE OF WATER LOCATED MARCH 31, 2024)
 (ELEVATION OF WATER = 723' APPROX)

LAKE WONONSKOPOMUC
 (EDGE OF WATER LOCATED MARCH 31, 2024)
 (ELEVATION OF WATER = 723' APPROX)

BENCHMARK
 TOP OF NAIL
 IN CONCRETE
 ELEV = 723.72'



This drawing is based on a field survey entitled "SITE PLAN, MAP PREPARED FOR, THE HOTCHKISS SCHOOL, INTERLAKEN ROAD - ROUTE 112, "LAKEVILLE", SALISBURY, CONNECTICUT, SCALE 1" = 20', APRIL 11, 2024", prepared by Mathias M. Kiefer, L.L.S.

Contours as shown are at two foot intervals based on approximate u.s.g.s datum.

2	2024.07.15	Response to IWVC Comments	JS	TAP
1	2024.05.31	Miscellaneous	JS	TAP
REV	DATE	DESCRIPTION	BY	CHK

DRAWING ISSUE STATUS

PERMITTING



140 Willow Street
 Winsted, Connecticut 06098
 860.379.6669

PROJECT
LAKE WONONSKOPOMUC DREDGING
THE HOTCHKISS SCHOOL
 INTERLAKEN ROAD (ROUTE 112) - SALISBURY, CONNECTICUT

TITLE
SITE PLAN

DATE	May 23, 2024	SCALE	1" = 20'
DRAWN BY	JS	DESIGNED BY	TAP
CHECKED BY	JS		
PROJECT No.	4010251.003		
DRAWING No.	02		REV.
			2

FILE LOCATION: P:\CT\4010251 - HOTCHKISS SCHOOL\251.003 - DREDGING DESIGN & PERMITTING - TAP\02-CAD_FILES\PROJECT.DWG, 2024.07.16, 7:51 AM

SOIL EROSION AND SEDIMENT CONTROL PLAN NARRATIVE

1. INTRODUCTION AND PERMIT COMPLIANCE

This narrative describes the **minimum** measures required to control soil erosion during and after construction of the sitework shown on this plan. The soil erosion and sediment control measures shown on this plan are designed in accordance with a document entitled "Connecticut Guidelines for Soil Erosion and Sediment Control" published by the Connecticut Council on Soil and Water Conservation in Collaboration with Connecticut Department of Energy and Environmental Protection effective March 30, 2024. The Contractor may be required to implement additional measures to prevent site erosion and sedimentation of downstream waterways.

The Contractor is required to obtain copies of, and comply with the conditions of all permits for this project, including but not limited to:

- Municipal Inland Wetlands Permit
- Municipal Planning & Zoning Permit

The Contractor's activities and operations include all site work and work incidental to the project including, but not limited to haul roads, waste and disposal areas, staging areas, and field offices. If any of his activities require approvals above and beyond those already accounted for by the Owner's permits, the Contractor shall apply for and obtain such permits prior to conducting those operations. If incidental work such as haul roads, waste and disposal areas, staging areas, and field offices are not shown on the plans, and require additional erosion control, the Contractor shall provide such controls.

2. PROJECT DESCRIPTION AND SITE CHARACTERISTICS

The site is a 0.75-acre portion of Lake Wononskopomuc where Sucker Brook discharges into the lake. Sediment from the brook is deposited into the lake and builds up, making it difficult to launch sailboats. This area has been dredged in the past.

The project will use diver-assisted hydraulic dredging. Sediment-laden water is drawn through a hose and discharged into a large filter bag. The bag retains the sediment, while clean water runs back into the lake. Additional measures include a filter sock downstream of the filter bag and a turbidity curtain in the lake around the work area.

3. CONSTRUCTION SEQUENCING

1. Confirm all permits are in place.
2. If required by the Town, hold a preconstruction meeting.
3. Install filter socks where shown on the plans.
4. Install filter bag.
5. Drive any schools of fish out of the work area using splashing or boat motors.
6. Install turbidity curtain around the work area.
7. Dredge lake.
8. Relocate turbidity curtain as required to isolate work area as dredging progresses.
9. Remove filter bag and contents after dredging is complete and bag is dewatered. If required, use multiple bags.
10. Restore all disturbed areas.
11. Remove erosion and sediment controls after stabilization of the site.

Work is expected to occur in the summer of 2025 and take approximately one month. The work shall not be conducted between April 30 and June 30.

4. RESPONSIBILITY

4.1 RESPONSIBILITIES OF OWNER/PERMITEE

The Owner/Permittee is The Hotchkiss School, 11 Interlaken Road, Lakeville, CT 06039. Contact John Bryant. Phone 860-435-3162.

The Owner/Permittee shall:

- A. Provide the Contractor with copies of land-use permits that Owner has acquired.
- B. Inform all parties involved with the proposed site work of this plan's objectives and requirements.

4.2 RESPONSIBILITIES OF CONTRACTOR

The Contractor is responsible for preventing erosion of the site and for protecting adjacent waterways from sedimentation. The Contractor shall:

- A. Install, monitor, and maintain the soil erosion and sediment control measures as shown on this plan.
- B. Comply with all permit requirements.
- C. Provide the Owner, Engineer, and the municipality with 24 hour phone numbers in the event of an emergency at the site.

5. PRECONSTRUCTION CONFERENCE

If required by the Town, the Contractor shall initiate a preconstruction conference with the Owner, Contractor, Engineer, and a municipal representative to review the proposed soil erosion and sediment control measures.

6. DESCRIPTION AND MAINTENANCE OF EROSION CONTROL MEASURES

6.1 TEMPORARY STABILIZATION MEASURES

Filter Sock:

Install filter sock as shown on the plans and details. Socks shall consist of a filter media inside of a mesh tube. Stake the filter sock at four-foot intervals or as called for by the manufacturer. Filter socks less than 12 inches in diameter shall be installed in a shallow depression. Where the filter sock is not continuous, it shall be overlapped a minimum of three feet. Remove sediment once levels have reached 1/4 of the effective sock. Repair and/or replace filter sock immediately if damaged or deteriorated. See table below for more information.

Project Duration	Mesh Material
Up to 5 years	Multi-Filament Polypropylene
Up to 12 months	Biodegradable Cotton Fiber
Up to 18 Months	Biodegradable Wood Fiber

6.2 TEMPORARY STRUCTURAL MEASURES

Filter Bag (Dewatering Bag):

Place a plastic liner in the dewatering area. Surround with haybales and wrap the liner over the bales to create a berm. Install a temporary filter bag within the berm as shown on the plan. Routinely inspect the water within the berm and release to the lake after confirmation that the water has released the sediment. When the dredging is complete, remove the contents and dispose of off campus. Remove and dispose of the bag. More than one bag may be required.

Turbidity Curtain:

Install a turbidity curtain where shown on the plans to contain siltation of the lake. Maintain the curtain in place until dredging is complete and turbidity has completely settled out. Relocate the curtain as required as the work progresses.

6.3 PERMANENT STABILIZATION MEASURES

Seed and Mulch: Immediately following removal of the filter bag, evaluate disturbance of underlying ground surface. If necessary, restore areas with seed and mulch.

Prior to seeding, submit soil samples to a qualified soils laboratory for recommendations on liming and fertilizer. Follow the laboratory recommendations. All areas, to be re-vegetated, shall be seeded at a rate of 6 lbs/1,000 SF as follows:

For seeding between May 1 st and August 15 th :	
Creeping red fescue	35 parts
Chewings red fescue	20 parts
Kentucky 31 tall fescue	20 parts
Domestic rye grass	25 parts
For seeding any other time of year:	
Creeping red fescue	35 parts
Chewings red fescue	20 parts
Kentucky 31 tall fescue	15 parts
Baron bluegrass	20 parts
Rough bluegrass	10 parts

Immediately after seeding operations, cover the seedbed with hay or straw mulch at a rate of 100 lbs/1000 sq. ft. Mulch must be free of weeds and coarse matter. Spread mulch by hand or by mulch blower. Mulch anchoring is required by tractor drawn anchoring device along contour, or by tracking with a bulldozer (cleats parallel to contour) on slopes flatter than 3H:1V.

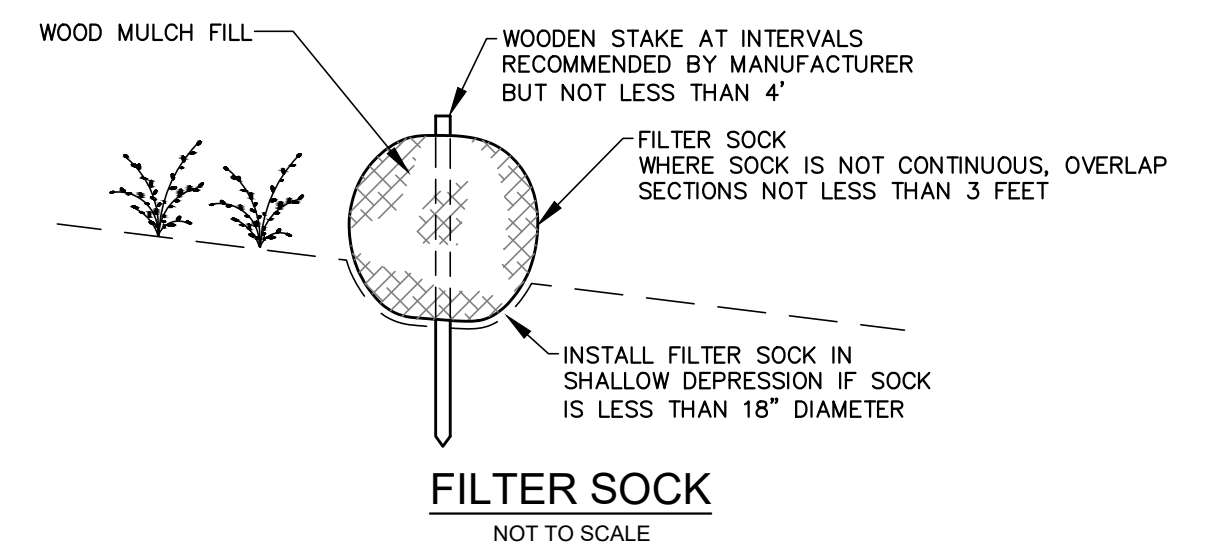
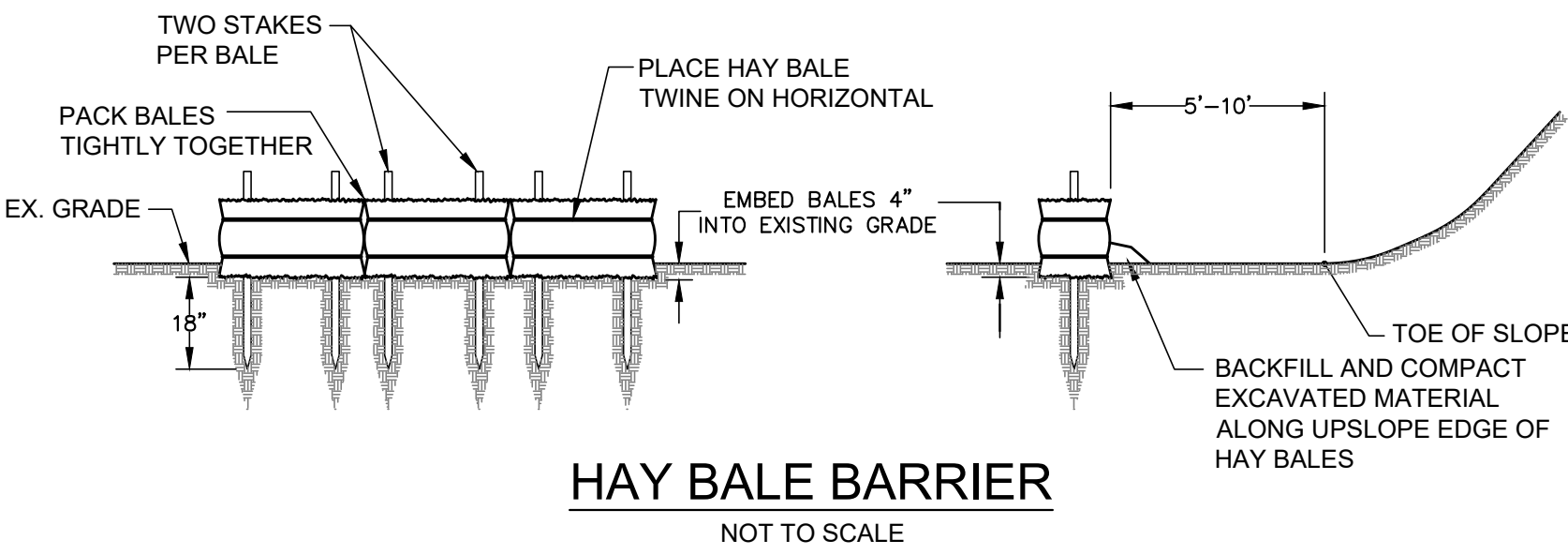
6.4 OTHER CONTROLS

Waste Disposal:

Provide an adequate number of covered waste containers to ensure that no litter, debris, building materials, or similar materials are discharged to wetlands or watercourses. Instruct subcontractors to use the containers for waste material. Empty the containers promptly when full.

7. GENERAL CONDITIONS

- 7.1 If erosion control measures are damaged by construction vehicles, acts of vandalism, or severe weather conditions, the Contractor shall immediately remove sediment in the vicinity of the erosion control measures and repair these measures to a functional condition.
- 7.2 If, during or after construction, it becomes apparent that existing erosion control measures are incapable of controlling erosion, the Owner, the Engineer, or the municipality may require additional control measures including, but not limited to; additional haybales, silt fence, sediment basins, or mechanically anchored mulch.
- 7.3 Refueling of equipment or machinery within 75 feet of any wetland or watercourse is prohibited.
- 7.4 No materials resulting from construction activities shall be placed in or allowed to contribute to the degradation of an adjacent wetland or watercourse. Disposal of any material shall be in accordance with Connecticut General Statutes, including, but not limited to, Sections 22a-207 through 22a-209.
- 7.5 Dumping of oil, chemicals or other deleterious materials on the ground is forbidden. The Contractor shall provide a means of catching, retaining, and properly disposing of drained oil, removed oil filters, or other deleterious material. All spills of such materials shall be reported immediately by the Contractor to the DEEP.



SPILL PREVENTION & EMERGENCY RESPONSE PLAN

I. Introduction

Work at this site will occur in Lake Wononskopomuc. The Contractor shall take all necessary precautions to minimize the potential for contamination. This plan describes the minimum spill prevention and emergency response measures that the Contractor must undertake during the course of this project to protect valuable water resources.

II. Supervision

The Contractor shall provide a qualified, full-time Superintendent who shall work on site during all active phases of the work, for the duration of construction activity. The Superintendent shall be fully trained and authorized to implement this plan. All employees working on this site shall be instructed in this plan prior to the start of construction.

III. Potential for Pollution

Pollution of Lake Wononskopomuc could result from damage caused by a heavy runoff event, normal construction operations, or an accident. Runoff-induced pollutants include sediment from dredged spoils. The project's Erosion Control Plan, contends with managing soil erosion and pollution associated with sedimentation. Operations which could cause pollution include loading of spoils or refueling and servicing of construction equipment.

Accidents which could cause pollution include spills, leaks, and ruptured hydraulic lines.

IV. Prevention Measures

The Contractor shall implement the following measures to prevent and control potential adverse impacts to the lake and downstream water resources.

- A. Turbidity Curtain
 1. Install a turbidity curtain in accordance with the plans and details. Refer to the site plan for location.
 2. Inspect the curtain daily and repair it or replace it immediately if it is damaged.
 3. Immediately remove floating construction or natural debris from the work area to avoid damaging the curtain.
- B. Maintenance Operations
 1. All refueling and maintenance of equipment (except water-dependent equipment) must take place on dry land at least 75 feet from the lake.
 2. Immediately clean all spills with absorbent materials from spill kits that are stored on-site. Properly dispose of all wastes and used absorbent materials immediately following cleanup.
 3. Use spigots or funnels to minimize drips or leaks when transferring fluids.
 4. Keep hydraulic and mechanical equipment in good repair. Clean all drips promptly.
 5. Vehicle and equipment washing is prohibited at this location.
- C. Storage Procedures
 1. Continuous fuel storage is prohibited at this location. Fuel for equipment may be brought to the site daily in portable tanks. Any portable tanks must be removed from the site daily, prior to close of business for the day.
 2. Relocate all construction equipment at least 75 feet away from the lake at the close of each work day.
 3. Protect stored materials from exposure to rainfall to the maximum extent practicable.
- D. Loading and Unloading Procedures
 1. Qualified personnel, trained in spill response procedures, shall continuously observe all transfers of fuel to construction equipment.
 2. Refuel equipment only during daylight hours.
 3. Prior to unloading, inspect hose connections on all construction equipment arriving at the site for leaks or problems. Repair any leaks or problems prior to off-loading equipment.
 4. Verify the capacity of a receiving tank prior to unloading fluid contents into storage.
 5. Reduce flow rate when topping off any kind of storage tank to prevent overfills.
 6. Secure all delivery trucks wheel chocks and parking brake during loading and unloading operations.
 7. Position delivery trucks during unloading to allow for a rapid response to a hose leak or other type of leak or spill.

V. Spill Kit

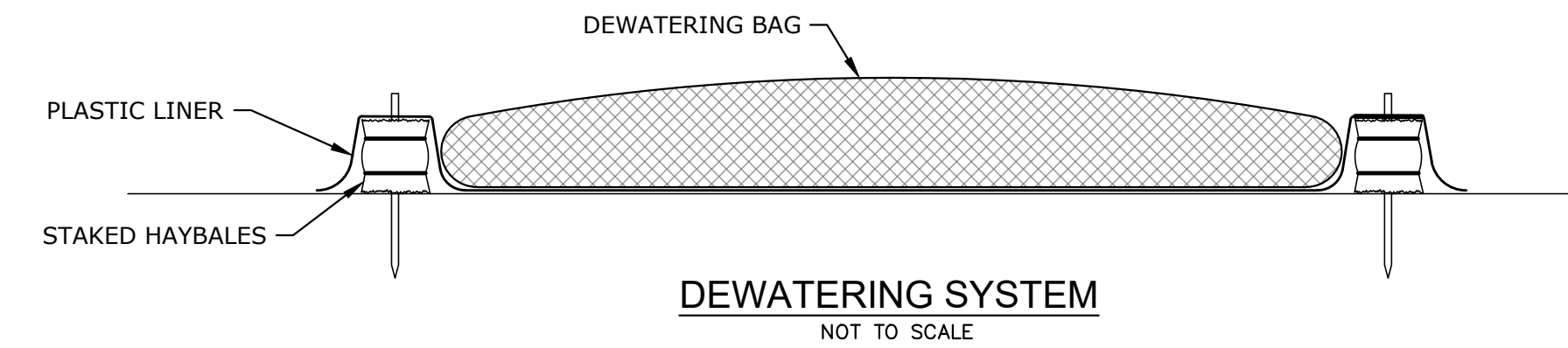
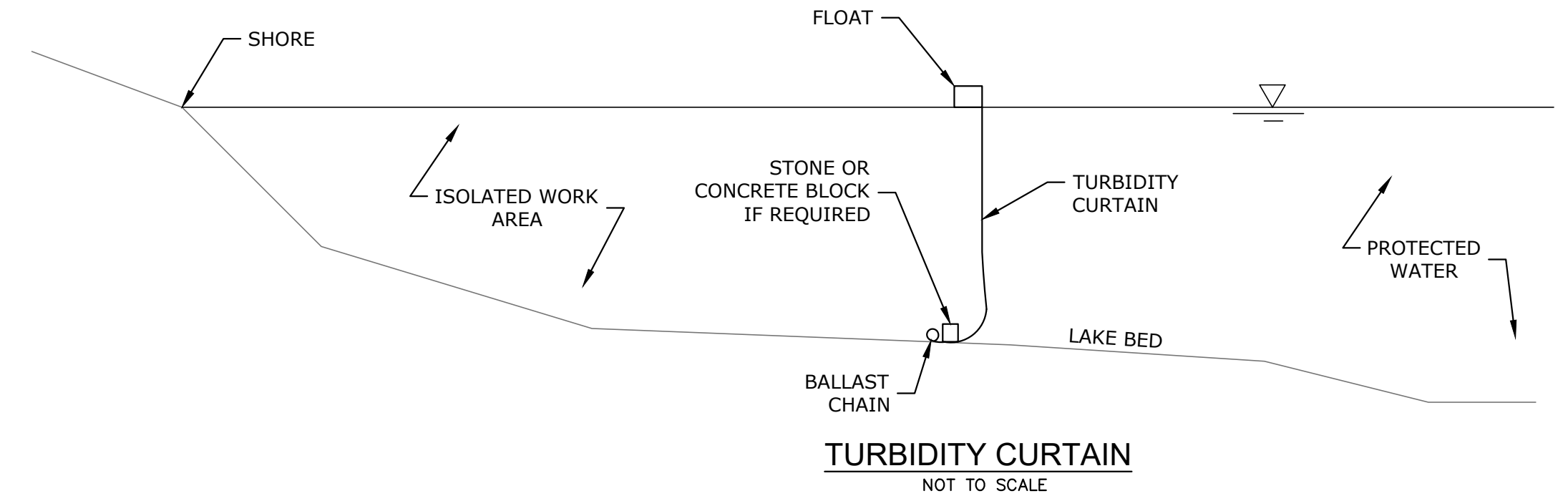
The Contractor shall maintain a complete and easily accessible spill cleanup kit on the site and shall train all personnel working at the site as to the location and proper use of spill-kit contents. The spill kit, at a minimum, shall contain at least the following contents:

1. 5 gallons of absorbent materials (minimum)
2. Shovel
3. Broom
4. 100 linear feet of absorbent boom
5. Waste drum with a minimum capacity of 30-gallon capacity (minimum)
6. Absorbent pads in an adequate quantity to absorb a minimum of 10 gallons of oil

VI. Spill Response Procedures

In the event of a spill, the Contractor and his or her staff shall implement the following response procedures:

1. Any employee who is aware of a spill or leak shall immediately advise the Contractor's Superintendent.
2. The Superintendent shall evaluate the nature and extent of the spill and determine the necessary response.
3. If the Superintendent determines that the spill is very minor and no threat to the watercourses or water bodies, the Superintendent shall direct the cleanup. The Contractor's work force shall contain the spill as close to the source as possible with tools and absorbent materials contained in the emergency spill kit. As necessary, the Contractor's work force shall construct additional dikes to protect swales, storm sewers, and watercourses down-gradient from the spill. Immediately following the cleanup, the Contractor shall properly dispose of all waste material, including used absorbent materials. The Contractor shall contact the DEEP Oil and Chemical Spills Unit at 860-424-3338 for guidance regarding proper disposal of hazardous or regulated wastes.
4. If the Superintendent determines that the spill presents the potential for a health hazard, environmental hazard, or fire or explosion potential, he or she shall immediately call 911 to report the incident and solicit a response from the local Fire Department. Upon a response from the Fire Department or DEEP, the Contractor shall act as directed by the Fire Department or DEEP.



2	2024.07.15	Response to WWV Comments	JS	TAP
1	2024.05.31	Miscellaneous	JS	TAP
REV.	DATE	DESCRIPTION	BY	CHK.

DRAWING ISSUE STATUS				
PERMITTING				



HALEY WARD
ENGINEERING | ENVIRONMENTAL | SURVEYING

140 Willow Street
Winsted, Connecticut 06096
860.379.6669

LAKE WONONSKOPOMUC DREDGING

THE HOTCHKISS SCHOOL

INTERLAKEN ROAD (ROUTE 112) - SALISBURY, CONNECTICUT

TITLE

DETAILS

DATE	SCALE
May 23, 2024	1"= 20'
DRAWN BY	DESIGNED BY
JS	TAP
CHECKED BY	
JS	
PROJECT No.	
4010251.003	
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03	2