



PUBLIC NOTICE

Comment Period Begins: April 15, 2025

Comment Period Ends: May 15, 2025

File Number: NAE-2024-01243

In Reply Refer to: Paul Silva, Regulatory Division

Phone: (978) 318-8465

Email: paul.silva@usace.army.mil

The District Engineer, U.S. Army Corps of Engineers, New England District (USACE), has received a permit application, file number NAE-2024-01243, to conduct work in waters of the United States from Alan Rubacha, Wesleyan University, 170 Long Lane, Middletown Connecticut. This work is proposed in an unnamed stream and Long Lane Pond located north of Wadsworth Street, between Long Lane and Pine Street, Middletown, Connecticut. The site coordinates are latitude 41.545139 and longitude -72.662448.

The stream-fed pond has a footprint of approximately 1.13 acres and is impounded by an earthen berm and concrete dam. Some of the material within the berm contains coal ash from the coal-burning power plant that was on-site during the time of the Long Lane School operation.

Sediment samples from the pond and stream channel contain elevated concentrations of arsenic, lead, 4,4-DDT, 4,4-DDE, chlordane, and dieldrin, which are associated with historic agricultural uses in the area.

In accordance with the site Remedial Action Plan (RAP) Wesleyan University proposes to remediate and restore the pond and stream through encapsulation of the impacted bottom sediments beneath four feet of clean fill material and the construction of a new stream channel.

Proposed regulated work includes filling of the existing 1.13-acre pond to encapsulate impacted bottom sediments beneath four feet of clean material. A permanent sheeting wall will be installed on the pond-side of the dam to help retain the pond sediments and allow for removal of the existing dam structure. A new stream channel will be constructed through the pond footprint to connect the existing up- and downstream channels. An estimated volume of 800 cubic yards of pesticide-impacted surficial soil from other remediation areas on campus will be placed into the pond, followed by approximately 16,000 cubic yards (approximately 12,750 cubic yards in onsite pond/unnamed stream/inland wetlands) of clean fill material for construction of the cap and new channel.

The work is shown on the enclosed plans titled "Proposed Dam Removal and Restoration," on 11 sheets dated January 2024.

The project has been designed to restore the natural stream channel and encapsulate impacted bottom sediment. Construction activities have been designed to avoid and minimize impacts to surrounding inland wetlands to the greatest extent practicable

through best management practices, including the installation of temporary erosion and sedimentation controls around the project site.

AUTHORITY

Permits are required pursuant to:

- ☐ Section 10 of the Rivers and Harbors Act of 1899
- ☒ Section 404 of the Clean Water Act
- ☐ Section 103 of the Marine Protection, Research and Sanctuaries Act.
- ☐ Section 14 of the Rivers and Harbors Act of 1899 (33 USC 408)

The decision whether to issue a permit will be based on an evaluation of the probable impact of the proposed activity on the public interest. That decision will reflect the national concern for both protection and utilization of important resources. The benefit which may reasonably accrue from the proposal must be balanced against its reasonably foreseeable detriments. All factors which may be relevant to the proposal will be considered, including the cumulative effects thereof; among those are: conservation, economics, aesthetics, general environmental concerns, wetlands, cultural value, fish and wildlife values, flood hazards, flood plain value, land use, navigation, shoreline erosion and accretion, recreation, water supply and conservation, water quality, energy needs, safety, food production and, in general, the needs and welfare of the people.

The USACE is soliciting comments from the public; federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. The USACE will consider all comments received to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an environmental assessment and/or an environmental impact statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity.

Where the activity involves the discharge of dredged or fill material into waters of the United States or the transportation of dredged material for the purpose of disposing it in ocean waters, the evaluation of the impact of the activity in the public interest will also include application of the guidelines promulgated by the Administrator, U.S. Environmental Protection Agency, under authority of Section 404(b) of the Clean Water Act, and/or Section 103 of the Marine Protection Research and Sanctuaries Act of 1972, as amended.

ESSENTIAL FISH HABITAT

The Magnuson-Stevens Fishery Conservation and Management Act, as amended by the Sustainable Fisheries Act of 1996 (Public Law 104-267), requires all federal agencies to consult with the National Marine Fisheries Service on all actions, or proposed actions, permitted, funded, or undertaken by the agency, that may adversely affect Essential Fish Habitat (EFH). EFH describes waters and substrate necessary for fish for spawning, breeding, feeding or growth to maturity.

This project will impact 1.13 acres of EFH. This habitat consists of a man-made pond and perennial watercourse and associated woody swamp and dense shrubby wetlands. Soil within the pond and wetlands consisted of poorly drained soil underlain by dense glacial till. Loss of this habitat may adversely affect species that use these waters and substrate. However, the District Engineer has made a preliminary determination that the site-specific adverse effect will not be substantial since the dam and earthen berm and the stream will be restored to its natural formation allowing upstream passage for present fish species. Further consultation with the National Marine Fisheries Service regarding EFH conservation recommendations is being conducted and will be concluded prior to the final decision.

NATIONAL HISTORIC PRESERVATION ACT

Based on our initial review of the proposed project (undertaking), there is no potential that the undertaking would affect historic properties. This conclusion is based upon the nature of the undertaking and site-specific conditions. Additional review and consultation to fulfill requirements under Section 106 of the National Historic Preservation Act of 1966, as amended, will be ongoing as part of the permit review process.

ENDANGERED SPECIES CONSULTATION

The USACE is reviewing the application for the potential impact on federally listed threatened or endangered species and their designated critical habitat pursuant to section 7 of the Endangered Species Act as amended. Our review will be concluded prior to the final decision.

The following authorizations have been applied for, or have been, or will be obtained:

- (X) Permit, license or assent from State.
- (X) Permit from local wetland agency or conservation commission.
- () Water Quality Certification in accordance with Section 401 of the Clean Water Act.

COMMENTS

The Corps of Engineers is soliciting comments from the public; Federal, state, and local agencies and officials; Indian Tribes; and other interested parties in order to consider and evaluate the impacts of this proposed activity. Any comments received will be considered by the Corps of Engineers to determine whether to issue, modify, condition or deny a permit for this proposal. To make this decision, comments are used to assess impacts on endangered species, historic properties, water quality, general environmental effects, and the other public interest factors listed above. Comments are used in the preparation of an Environmental Assessment and/or an Environmental Impact Statement pursuant to the National Environmental Policy Act. Comments are also used to determine the need for a public hearing and to determine the overall public interest of the proposed activity. People submitting comments are advised that all comments received will be available for public review in their entirety and will be considered a matter of public record.

Comments should be submitted in writing by the above date. If you have any questions, please contact Paul Silva, Regulatory Division, at paul.silva@usace.army.mil, (978) 318-8465, (800) 343-4789 or (800) 362-4367.

Any person may request, in writing, within the comment period specified in this notice, that a public hearing be held to consider the application. Requests for a public hearing shall specifically state the reasons for holding a public hearing. The USACE holds public hearings for the purpose of obtaining public comments when that is the best means for understanding a wide variety of concerns from a diverse segment of the public.

The initial determinations made herein will be reviewed in light of facts submitted in response to this notice. Copies of letters of objection will be forwarded to the applicant who will normally be requested to contact objectors directly in an effort to reach an understanding.

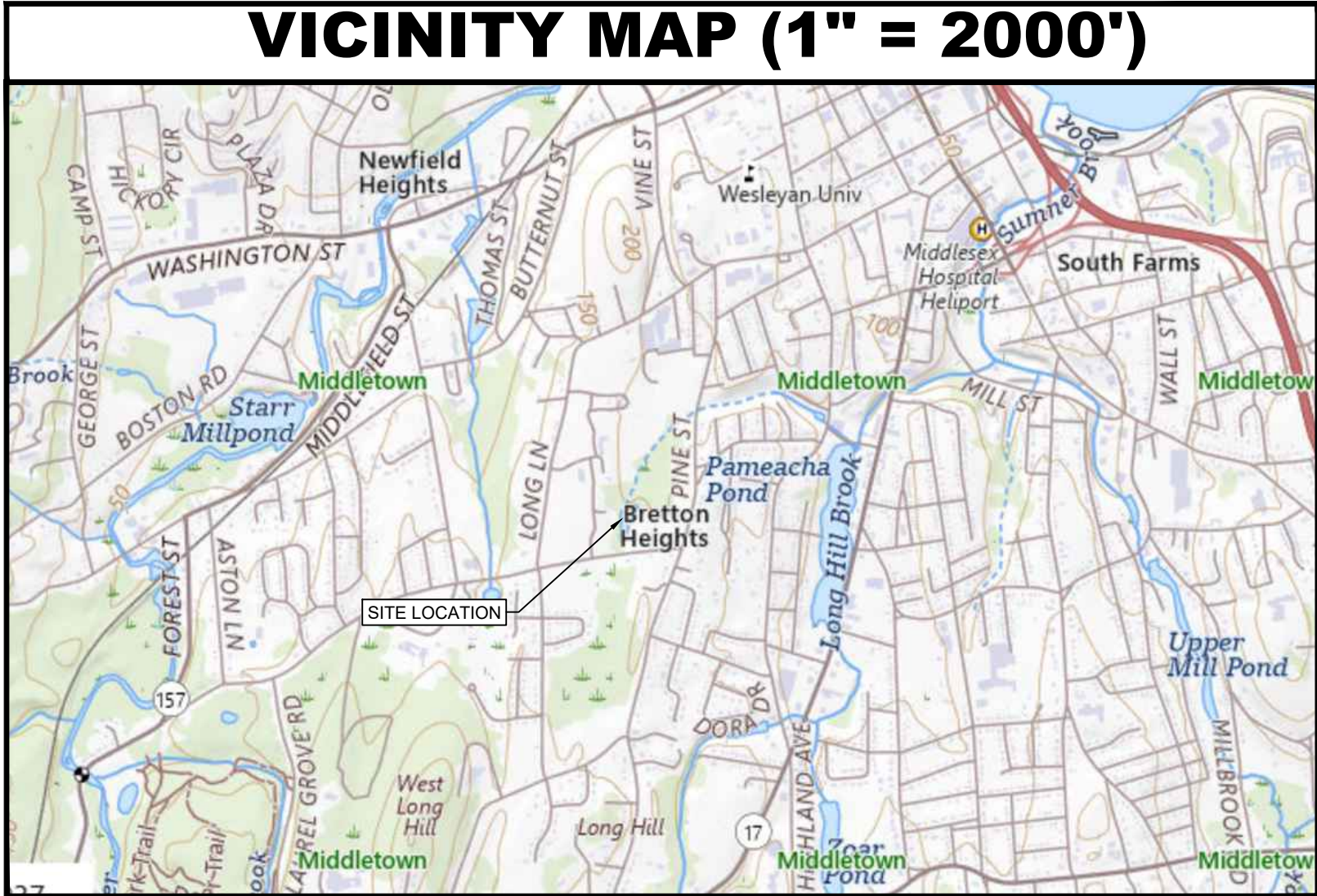
THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

Kevin R Kotelly

Kevin R. Kotelly, P.E.
Chief, CT/RI Section
Regulatory Division

CENAE-R
File No. NAE-2024-01243

Please contact Ms. Tina Chaisson at bettina.m.chaisson@usace.army.mil or (978) 318-8058 if you would like to be removed from our public notice mailing list.



FOR PERMITTING
PURPOSES ONLY

JANUARY 2024

PROPOSED DAM REMOVAL &
RESTORATION

170 LONG LANE
MIDDLETOWN, CT

HRP PROJECT NO. WES1757.RA

GENERAL NOTES			
1.	ALL DIMENSIONS, ELEVATIONS, AND EXISTING CONDITIONS SHALL BE FIELD VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. ANY DISCREPANCIES DISCOVERED DURING THE COURSE OF CONSTRUCTION SHALL BE PROMPTLY REPORTED TO THE ENGINEER.		
2.	THE CONTRACTOR IS RESPONSIBLE FOR DETERMINING, PRIOR TO BIDDING, THE LOCATIONS OF ALL UTILITIES AND SHALL BE RESPONSIBLE FOR ALL DAMAGE TO SAID UTILITIES. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" (1-800-922-4455), AT LEAST 72 HOURS PRIOR TO STARTING CONSTRUCTION. THE CONTRACTOR SHALL COORDINATE ACTIVITIES WITH INDIVIDUAL UTILITY COMPANIES.		
3.	THE CONTRACTOR IS RESPONSIBLE FOR ENSURING THAT PROPER STORM DRAINAGE IS MAINTAINED THROUGHOUT CONSTRUCTION.		
4.	ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED ON A REGULAR BASIS AS OUTLINED HEREIN. INSPECTION AND MAINTENANCE SHALL BE CARRIED OUT THROUGHOUT THE CONSTRUCTION PERIOD UNTIL ALL DISTURBED AREAS ARE STABILIZED WITH VEGETATION OR PAVING. THE MINIMUM INSPECTION PERIOD SHALL BE WEEKLY AND AFTER MAJOR STORMS.		
5.	CONSTRUCTION ACTIVITIES SHALL CONFORM TO APPLICABLE SECTIONS OF THE TOWN OF MIDDLETOWN STANDARDS AND APPLICABLE SECTIONS OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION "STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION," FORM 819, AS AMENDED.		

Prepared By:



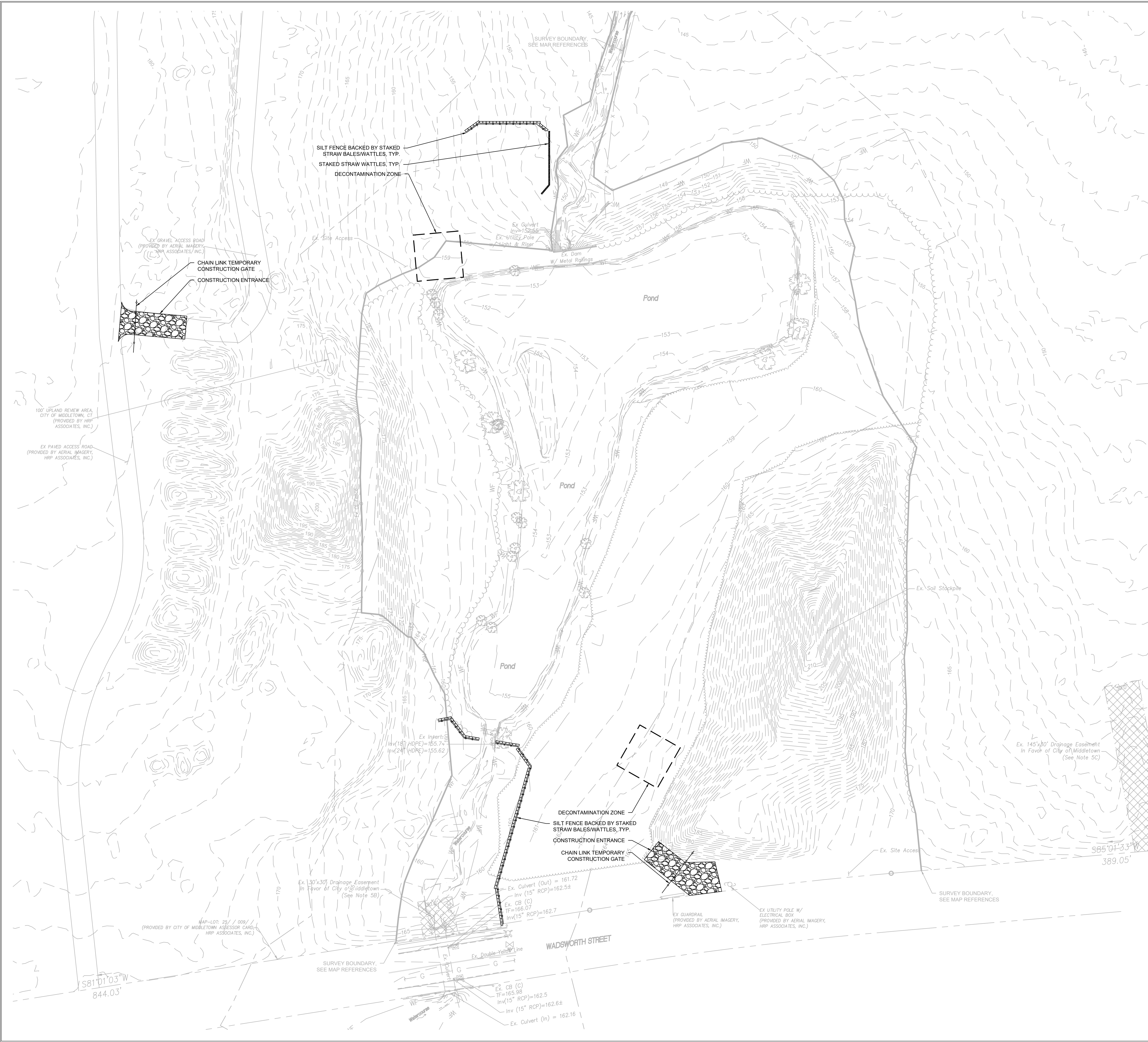
197 SCOTT SWAMP ROAD
FARMINGTON, CT 06032
(860) 674-9570
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Prepared For:

WESLEYAN UNIVERSITY
170 LONG LANE
MIDDLETOWN, CT

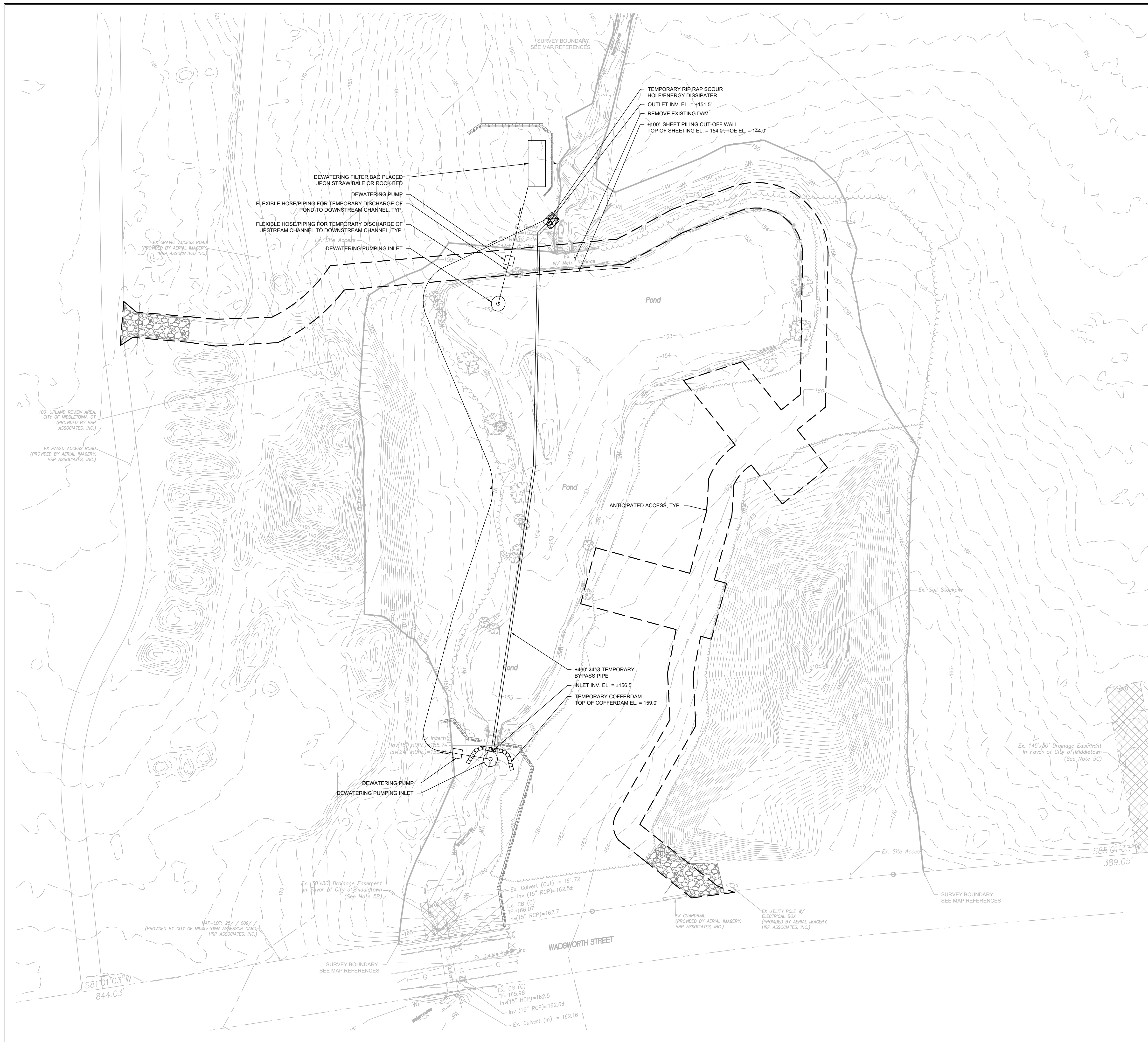


SHEET INDEX			
SHEET	TITLE / DESCRIPTION	CREATED	REVISED
E-2	TITLE	12/13/2024	
ES1.0	EXISTING CONDITIONS	09/12/2024	10/28/2024
C0.0	EROSION & SEDIMENTATION CONTROL PLAN	12/13/2024	
C0.1	SITE PREPARATION & CONSTRUCTION SEQUENCE	12/13/2024	
C0.1	BUFFER ZONE CONSTRUCTION & REMEDIAL EXCAVATION ACCESS PLAN	01/24/2025	
C1.0	GRADING & DRAINAGE - PHASE 1	01/24/2025	
C1.1	GRADING & DRAINAGE - PHASE 2	01/24/2025	
C2.0	SITE RESTORATION PLAN	01/24/2025	
D1.0	DETAILS	12/13/2024	
D1.1	DETAILS	12/13/2024	
D1.2	DETAILS	12/13/2024	



THE CONTRACTOR SHALL CLEAN SEDIMENT AND DEBRIS FROM ALL DRAINAGE STRUCTURES AND PIPES AT THE COMPLETION OF CONSTRUCTION, AND AS REQUESTED BY THE ENGINEER TO KEEP THE SYSTEM FUNCTIONING PROPERLY DURING CONSTRUCTION. THE CONTRACTOR SHALL SWEEP ADJACENT ROADWAYS AS REQUIRED OR REQUESTED BY THE ENGINEER. FOLLOWING COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL REPAIR ALL ERODED AREAS AND ENSURE A GOOD STAND OF TURF IS ESTABLISHED THROUGHOUT. THE CONTRACTOR SHALL REPAIR ALL ERODED OR DISPLACED RIPRAP, AND CLEAN SEDIMENT COVERED STONES.





CONSTRUCTION NOTES:

1. CONTRACTOR SHALL PROVIDE TO THE ENGINEER FOR REVIEW AND APPROVAL A WRITTEN SEQUENCING PLAN INCLUSIVE OF THE COMPLETE SCOPE OF WORK INCLUDING BUT NOT LIMITED TO THE DEWATERING, BYPASSING, PUMP POINT CONSTRUCTION, ENERGY DISSIPATER, PIPE INSTALLATION, DAM REMOVAL, AND POND CAPPING.
2. ACTUAL DEWATERING AND BYPASS PUMPING SYSTEM SIZING TO BE DETERMINED BY THE CONTRACTOR.
3. TEMPORARY COFFERDAMS TO BE CONSTRUCTED USING 1 CY BAGS FILLED WITH CLEAN SOIL.
4. DEWATERING FILTER BAG SHALL BE ADEQUATE FOR SEDIMENT TREATMENT, ANTICIPATED FLOW RATES, AND APPROPRIATE CAPACITY.
5. ANTICIPATED ACCESS DEPICTED ON THE PLANS REPRESENTS APPROXIMATE ACCESS TO THE SITE, STOCKPILE, AND POND, AND MAY BE MODIFIED PENDING APPROVAL BY THE ENGINEER. CLEARING TO BE LIMITED TO THE EXTENT PRACTICABLE TO THE APPROVED ACCESS AREAS.

GENERAL CONSTRUCTION SEQUENCE:

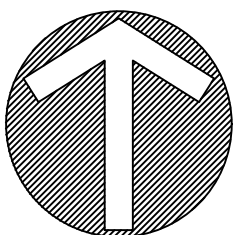
1. INSTALL EROSION AND SEDIMENTATION CONTROLS PER THE EROSION AND SEDIMENTATION CONTROL PLAN AND SITE SPECIFIC STORMWATER POLLUTION CONTROL PLAN.
2. INSTALL 10' SHEET PILING CUT-OFF WALL.
3. INSTALL TEMPORARY BYPASS PUMPING SYSTEMS.
4. REMOVE/DEMOLISH THE EXISTING DAM.
5. INSTALL 24" Ø TEMPORARY BYPASS PIPE.
6. PLACE IMPACTED SOILS FROM UPLAND REMEDIATION AREAS AND REGRADE POND SEDIMENTS PER THE PROPOSED GRADING AND DRAINAGE - PHASE 1 PLAN.
7. INSTALL MIRAFI HIGH-VISIBILITY DEMARCATION FABRIC.
8. INSTALL 4-FOOT MIN. OF CLEAN FILL AND TOPSOIL TO FINISH GRADE, INCLUDING CONSTRUCTING PROPOSED STREAM CHANNEL AND UPSTREAM AND DOWNSTREAM REACHES, PER THE PROPOSED GRADING AND DRAINAGE - PHASE 2 PLAN.
9. INSTALL PLANTINGS/VEGETATION.
10. REDIRECT STREAM TO FINAL SURFACE, BULKHEAD THE TEMPORARY BYPASS PIPE IN PLACE.

MAP REFERENCE:

1. "EXISTING CONDITIONS MAP SHOWING POND & WATERCOURSE AT WESLEYAN UNIVERSITY, 170 LONG LANE, MIDDLETOWN, CT," PREPARED BY KRATZER, JONES & ASSOCIATES, INC., SCALE 1" = 50', DATED SEPTEMBER 12, 2024, LAST REVISED OCTOBER 28, 2024
2. 2023 LIDAR-DERIVED CONTOURS PROVIDED BY THE CONNECTICUT ENVIRONMENTAL CONDITIONS ONLINE DATABASE SUPPLEMENT THE EXISTING CONDITIONS MAP, WITH THE SURVEY BOUNDARY DEPICTED ON THE PLANS



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NORTH



REVISIONS			
NO.	DATE	DESCRIPTION	SCALE: 1" = 40'
DESIGNED:	ASB		
DRAWN:	ASB	12/13/2024	
REVIEWED:		PROJECT NUMBER:	
KAM		WES1757 RA	
APPROVED:		SHEET SIZE:	
TRB		24"x36"	



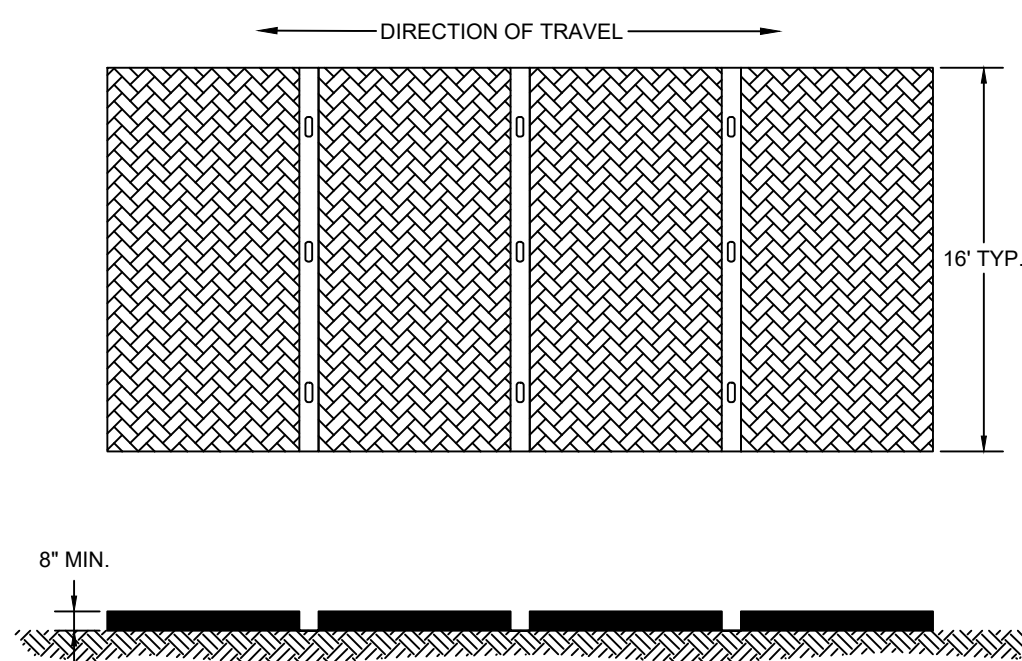
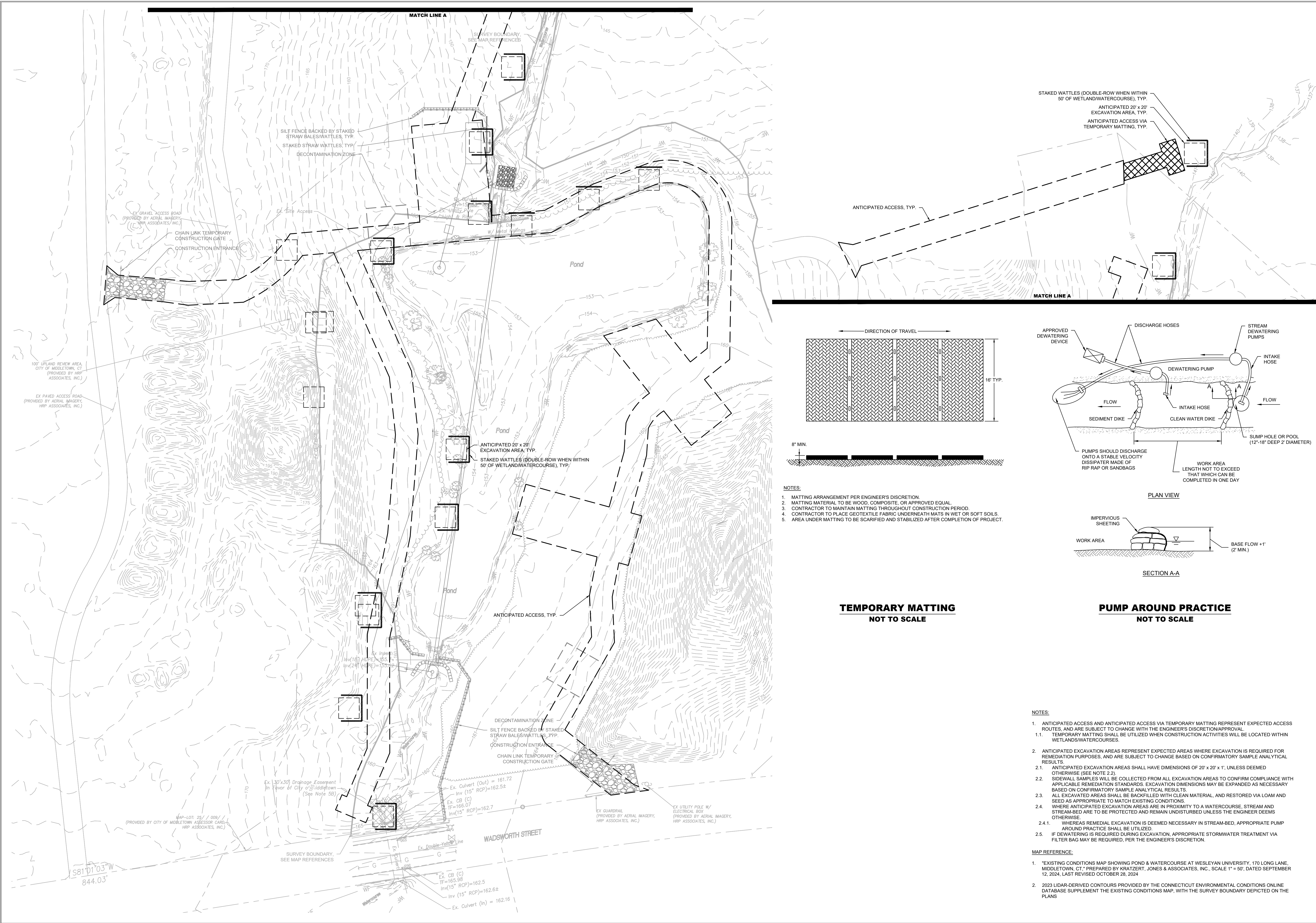
PROPOSED DAM REMOVAL &
RESTORATION
WESLEYAN UNIVERSITY
170 LONG LANE
MIDDLETOWN, CT

SITE PREPARATION & CONSTRUCTION SEQUENCE

SHEET NO.

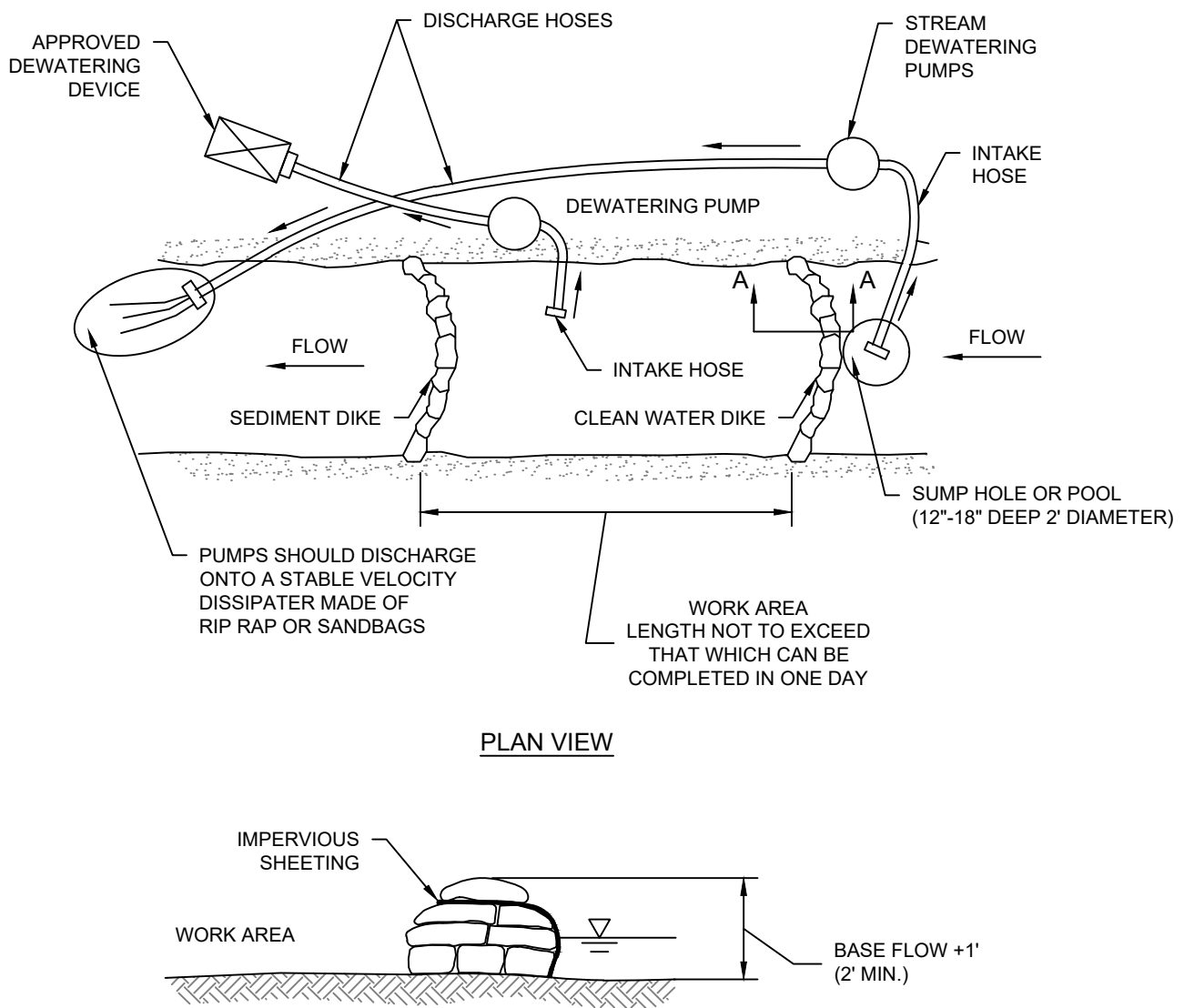
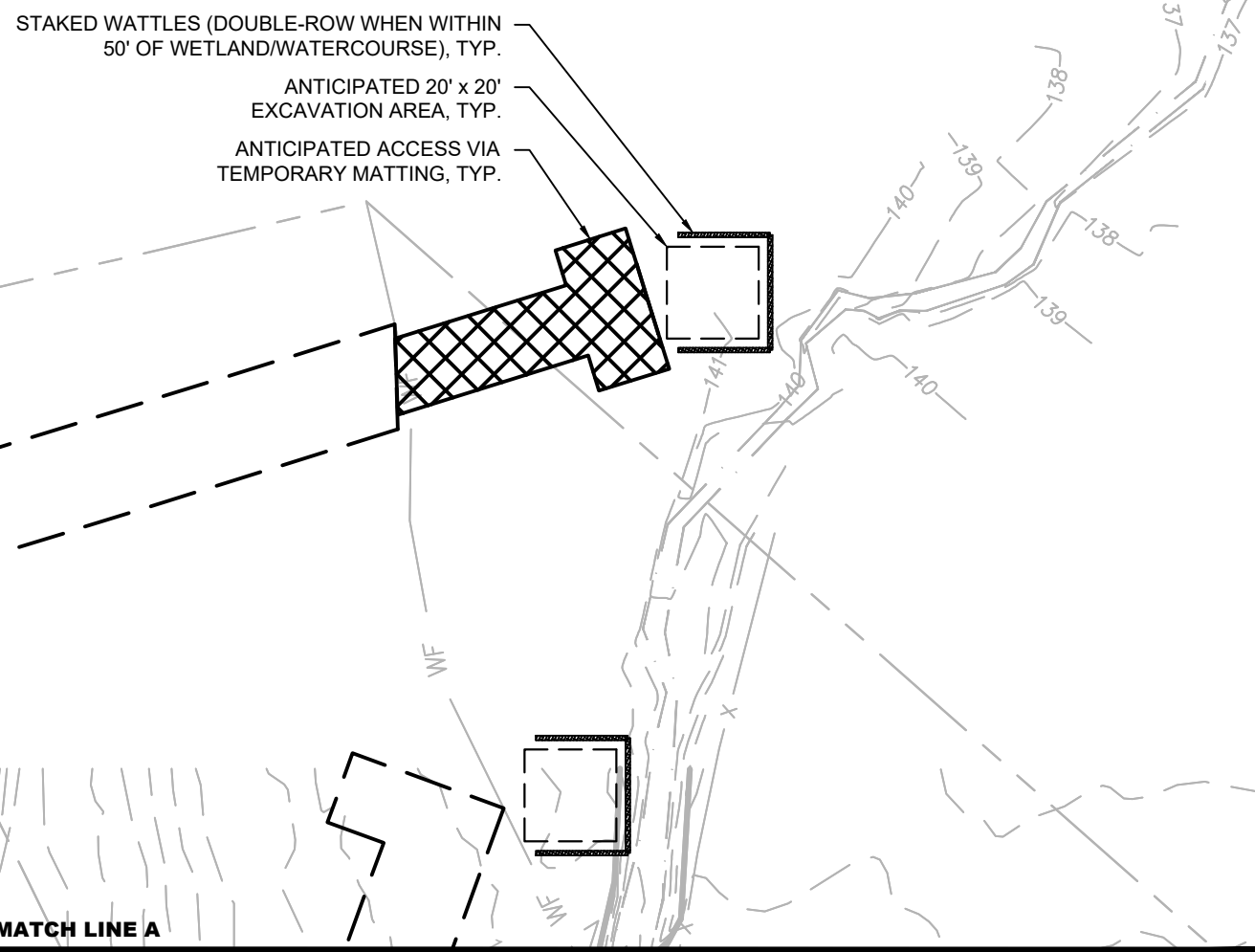
CO.0

DRAWING NAME: WESLEYAN UNIVERSITY LONG LANE CAMPUS, MIDDLETOWN, CT W17S75R - 170 LONG LANE CONSTRUCTION & REMEDIAL EXCAVATION ACCESS PLAN - PLOT DATE: Jan 27, 2025, 2:40pm, OPERATOR: ASB



- NOTES:
1. MATTING ARRANGEMENT PER ENGINEER'S DISCRETION.
 2. MATTING MATERIAL TO BE WOOD, COMPOSITE, OR APPROVED EQUAL.
 3. CONTRACTOR TO MAINTAIN MATTING THROUGHOUT CONSTRUCTION PERIOD.
 4. CONTRACTOR TO PLACE GEOTEXTILE FABRIC UNDERNEATH MATS IN WET OR SOFT SOILS.
 5. AREA UNDER MATTING TO BE SCARIFIED AND STABILIZED AFTER COMPLETION OF PROJECT.

TEMPORARY MATTING
NOT TO SCALE



PUMP AROUND PRACTICE
NOT TO SCALE

- NOTES:
1. ANTICIPATED ACCESS AND ANTICIPATED ACCESS VIA TEMPORARY MATTING REPRESENT EXPECTED ACCESS ROUTES, AND ARE SUBJECT TO CHANGE WITH THE ENGINEER'S DISCRETION/APPROVAL.
 - 1.1. TEMPORARY MATTING SHALL BE UTILIZED WHEN CONSTRUCTION ACTIVITIES WILL BE LOCATED WITHIN WETLANDS/WATERCOURSES.
 2. ANTICIPATED EXCAVATION AREAS REPRESENT EXPECTED AREAS WHERE EXCAVATION IS REQUIRED FOR REMEDIATION PURPOSES, AND ARE SUBJECT TO CHANGE BASED ON CONFIRMATORY SAMPLE ANALYTICAL RESULTS.
 - 2.1. ANTICIPATED EXCAVATION AREAS SHALL HAVE DIMENSIONS OF 20' x 20' x 1', UNLESS DEEMED OTHERWISE (SEE NOTE 2.2).
 - 2.2. SIDEWALL SAMPLES WILL BE COLLECTED FROM ALL EXCAVATION AREAS TO CONFIRM COMPLIANCE WITH APPLICABLE REMEDIATION STANDARDS. EXCAVATION DIMENSIONS MAY BE EXPANDED AS NECESSARY BASED ON CONFIRMATORY SAMPLE ANALYTICAL RESULTS.
 - 2.3. ALL EXCAVATED AREAS SHALL BE BACKFILLED WITH CLEAN MATERIAL, AND RESTORED VIA LOAM AND SEED AS APPROPRIATE TO MATCH EXISTING CONDITIONS.
 - 2.4. WHERE ANTICIPATED EXCAVATION AREAS ARE IN PROXIMITY TO A WATERCOURSE, STREAM AND STREAM-BED ARE TO BE PROTECTED AND REMAIN UNDISTURBED UNLESS THE ENGINEER DEEMS OTHERWISE.
 - 2.4.1. WHEREAS REMEDIAL EXCAVATION IS DEEMED NECESSARY IN STREAM-BED, APPROPRIATE PUMP AROUND PRACTICE SHALL BE UTILIZED.
 - 2.5. IF DEWATERING IS REQUIRED DURING EXCAVATION, APPROPRIATE STORMWATER TREATMENT VIA FILTER BAG MAY BE REQUIRED, PER THE ENGINEER'S DISCRETION.

- MAP REFERENCE:
1. EXISTING CONDITIONS MAP SHOWING POND & WATERCOURSE AT WESLEYAN UNIVERSITY, 170 LONG LANE, MIDDLETOWN, CT, PREPARED BY KRATZERT, JONES & ASSOCIATES, INC., SCALE 1" = 50', DATED SEPTEMBER 12, 2024, LAST REVISED OCTOBER 28, 2024
 2. 2023 LIDAR-DERIVED CONTOURS PROVIDED BY THE CONNECTICUT ENVIRONMENTAL CONDITIONS ONLINE DATABASE SUPPLEMENT THE EXISTING CONDITIONS MAP, WITH THE SURVEY BOUNDARY DEPICTED ON THE PLANS

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FARMINGTON, CT 06032
(860) 674-9570
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NORTH

0 20' 40'

REVISIONS		
NO.	DATE	DESCRIPTION

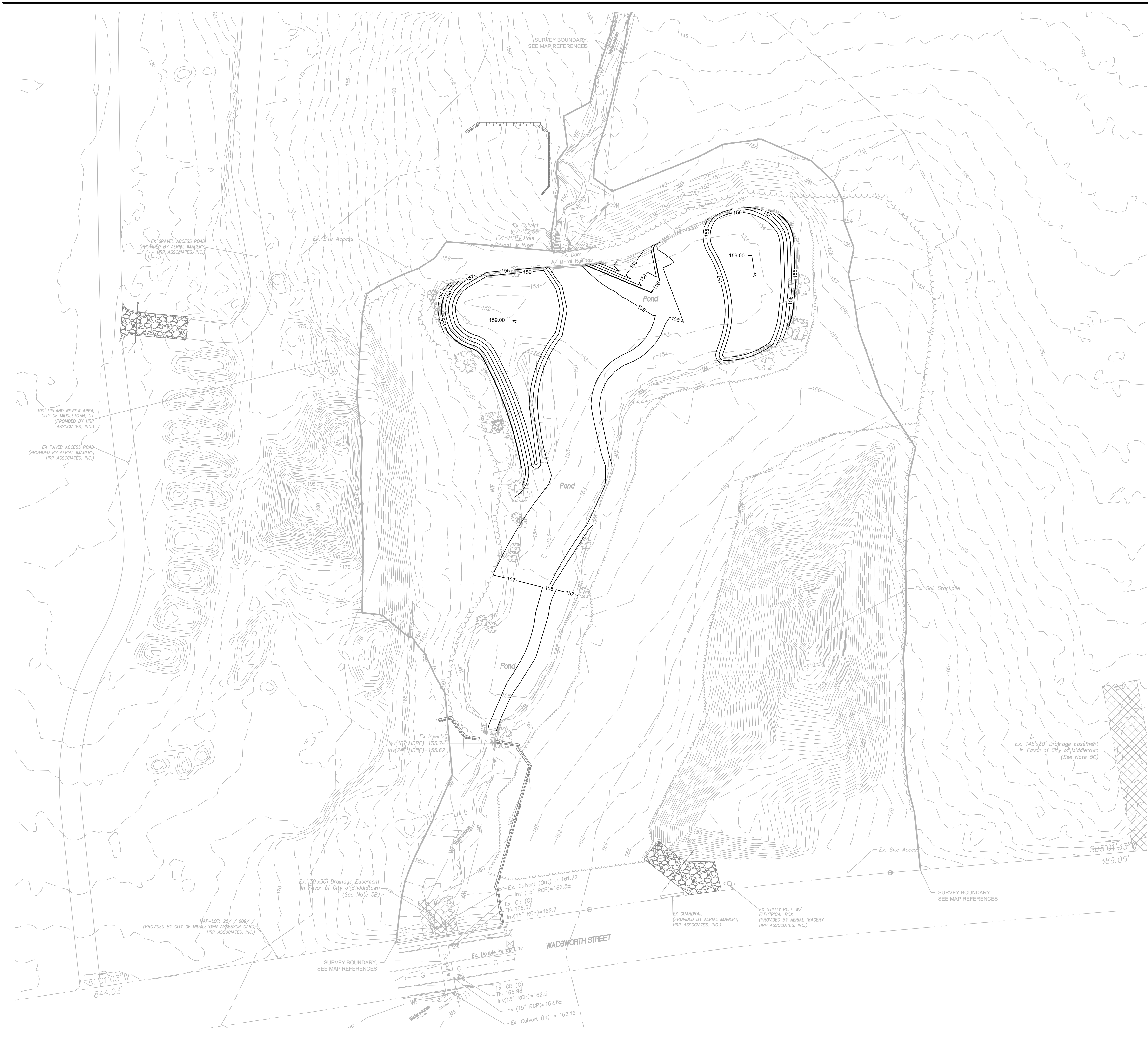
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ASB	1" = 40'	01/24/2025	WES1757/RA	KAM	24"x36"
DRAWN					
REVIEWED					

PROPOSED DAM REMOVAL &
RESTORATION
WESLEYAN UNIVERSITY
170 LONG LANE
MIDDLETOWN, CT

BUFFER ZONE
CONSTRUCTION &
REMEDIAL EXCAVATION
ACCESS PLAN

SHEET NO.
C0.1

DRAWING NAME: WESLEYAN UNIVERSITY LONG LANE CAMPUS, MIDDLETOWN, CT WES1757RA - GRADING & DRAINAGE - PL REV1 PLT DATE: JAN 27, 2025, 2:10pm, OPERATOR: ASB



CONSTRUCTION NOTES:

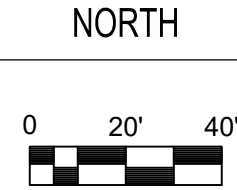
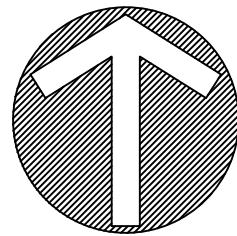
1. CONTRACTOR SHALL CLEAR WOODY DEBRIS FROM POND PRIOR TO GRADING, STOCKPILE TO DEWATER, AND DISPOSE OF OFF-SITE AT AN APPROPRIATELY PERMITTED FACILITY.
2. CONTRACTOR SHALL GRADE TO THE POND LIMITS AS DEPICTED TO PROVIDE THE NECESSARY GRADES FOR CONSTRUCTION OF THE CAP AND STREAM INCLUDED ON THE PROPOSED GRADING AND DRAINAGE PLAN - PHASE 2.
3. HOTSPOT SPOILS AND POND SEDIMENTS REQUIRING RELOCATION SHALL BE PLACED WHERE FILL IS REQUIRED AS PER THE PROPOSED GRADING AND DRAINAGE PLAN - PHASE 1.

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REVISONS		NO.		DATE		DESCRIPTION	
DESIGNED:	SCALE:	ASB	1" = 40'				
DRAWN:	ISSUE DATE:	ASB	01/24/2025				
REVIEWED:	PROJECT NUMBER:	KAM	WES1757/RA				
APPROVED:	SHEET SIZE:	TRB	24"x36"				

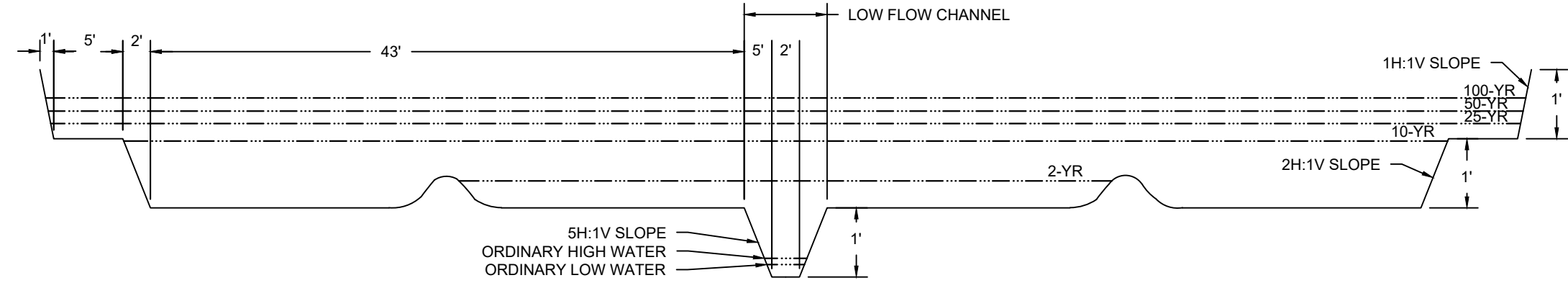


PROPOSED DAM REMOVAL &
RESTORATION
WESLEYAN UNIVERSITY
170 LONG LANE
MIDDLETOWN, CT

GRADING & DRAINAGE -
PHASE 1

SHEET NO.
C1.0

DRAWING NAME: WESLEYAN UNIVERSITY LONG LANE CAMPUS, MIDDLETOWN, CT 06032 - GRADING & DRAINAGE - PL REVIEW PLOT DATE: 10/27/2025 - 2:10pm - OPERATOR: ASB



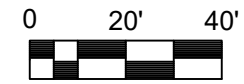
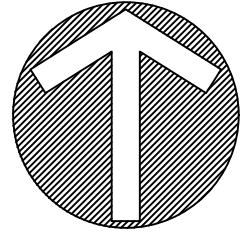
TYPICAL CROSS SECTION
NOT TO SCALE

MAP REFERENCE:

1. "EXISTING CONDITIONS MAP SHOWING POND & WATERCOURSE AT WESLEYAN UNIVERSITY, 170 LONG LANE, MIDDLETOWN, CT," PREPARED BY KRATZERT, JONES & ASSOCIATES, INC., SCALE 1" = 50', DATED SEPTEMBER 12, 2024, LAST REVISED OCTOBER 28, 2024
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REVISIONS		NO.		DATE		DESCRIPTION	
DESIGNED:	SCALE:	1" = 40'	ASB	ISSUE DATE:	01/24/2025	PROJECT NUMBER:	WES1757/RA
DRAWN:	1" = 40'	ASB	REVIEWED:	KAM	APPROVED:	TRB	SHEET SIZE:
REVIEWED:	1" = 40'	KAM	APPROVED:	TRB			24"x36"



PROPOSED DAM REMOVAL &
RESTORATION
WESLEYAN UNIVERSITY
170 LONG LANE
MIDDLETOWN, CT

GRADING & DRAINAGE -
PHASE 2

SHEET NO.
C1.1



1" = 40'		IN REVISIONS	
NO.	DATE	DESCRIPTION	
ASB	ISSUE DATE:		
DRAWN: ASB	01/24/2025		
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TRB	24"x36"		

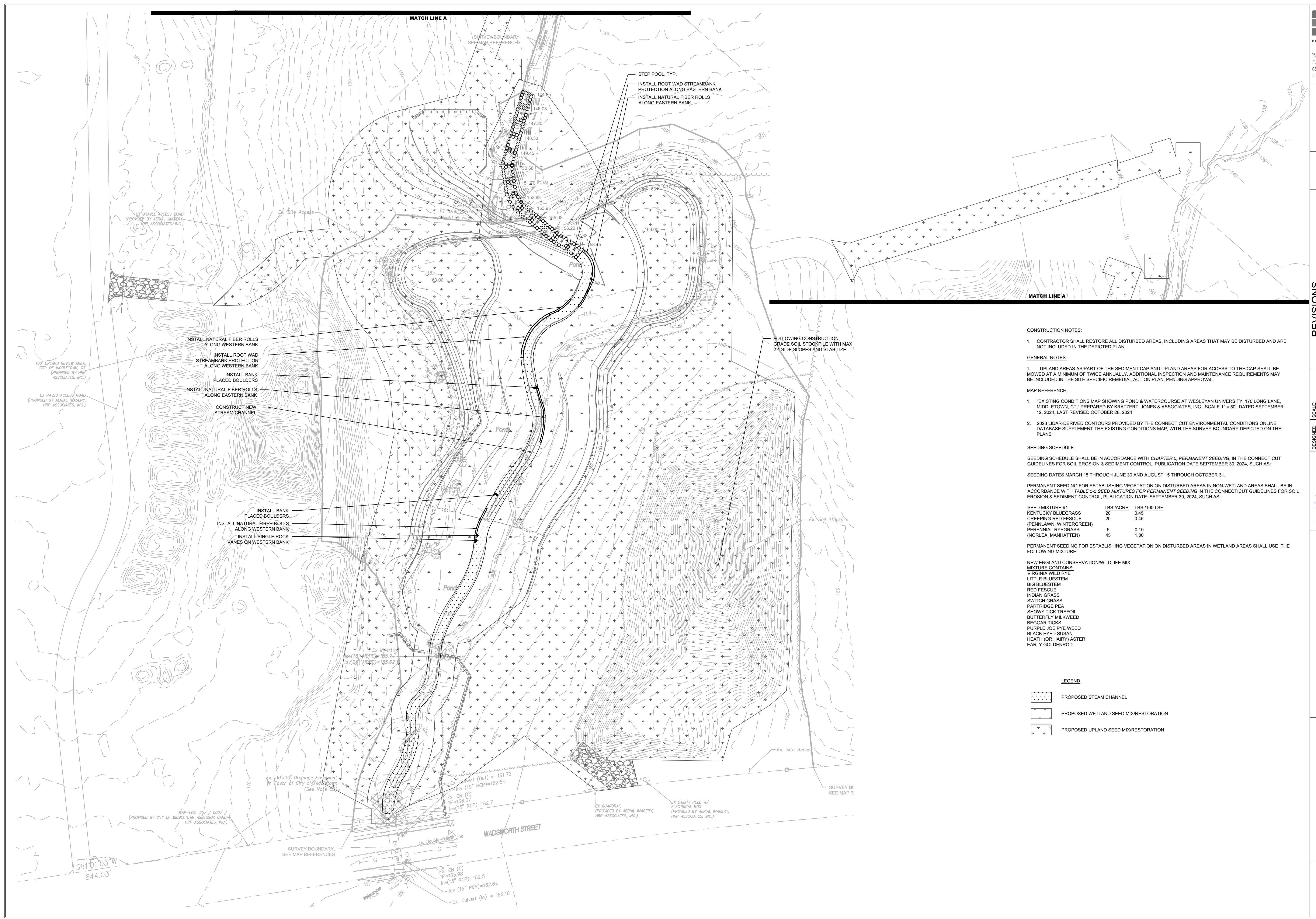


PROPOSED DAM REMOVAL &
RESTORATION
WESLEYAN UNIVERSITY
170 LONG LANE
MIDDLETOWN, CT

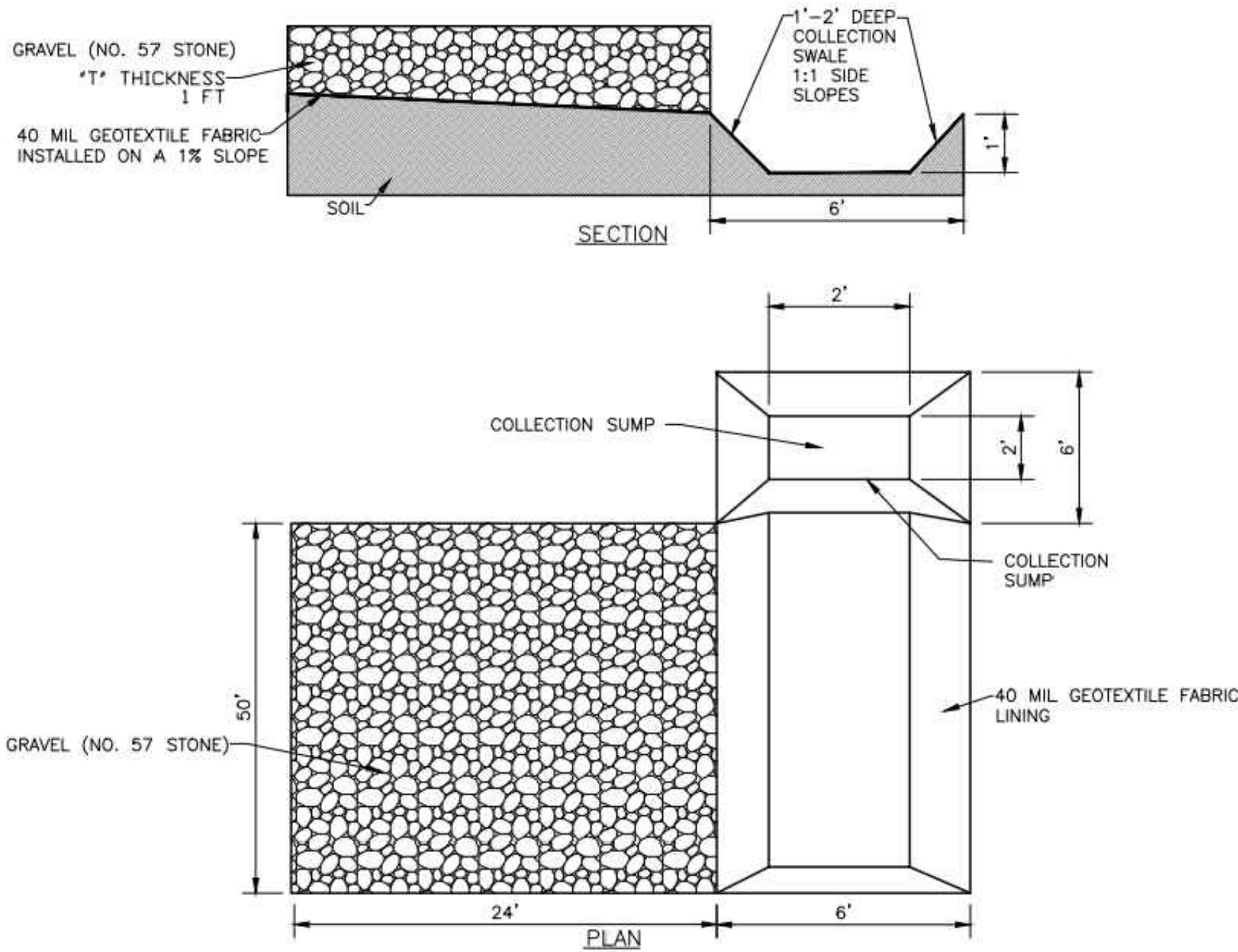
SITE RESTORATION PLAN

SHEET NO.

C2.0



DRAWING NAME: J:\WWW\WESLEYAN\UNIVERSITY\LONG LANE CAMPUS, MIDDLETOWN, CT\WINS7578A - RAV\CA0320\RAV\DETAILS.dwg LAYOUT: DETAILS.dwg PLOT DATE: Jan 27, 2025, 2:31pm OPERATOR: ASB



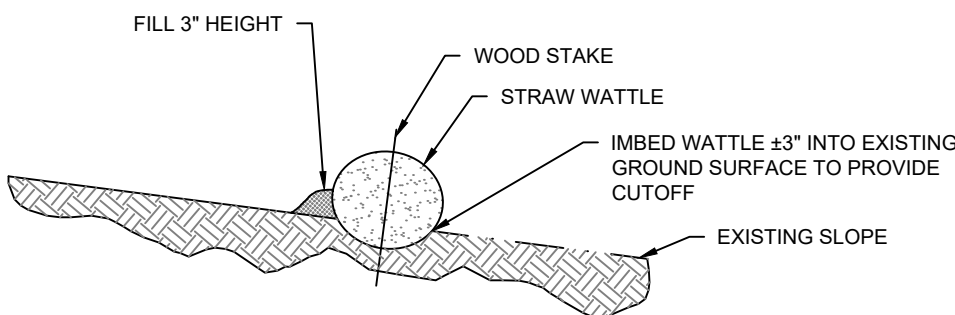
NOTES:

1. THE PAD SHOULD BE CONSTRUCTED IN AN AREA KNOWN OR BELIEVED TO BE FREE OF SURFACE CONTAMINATION

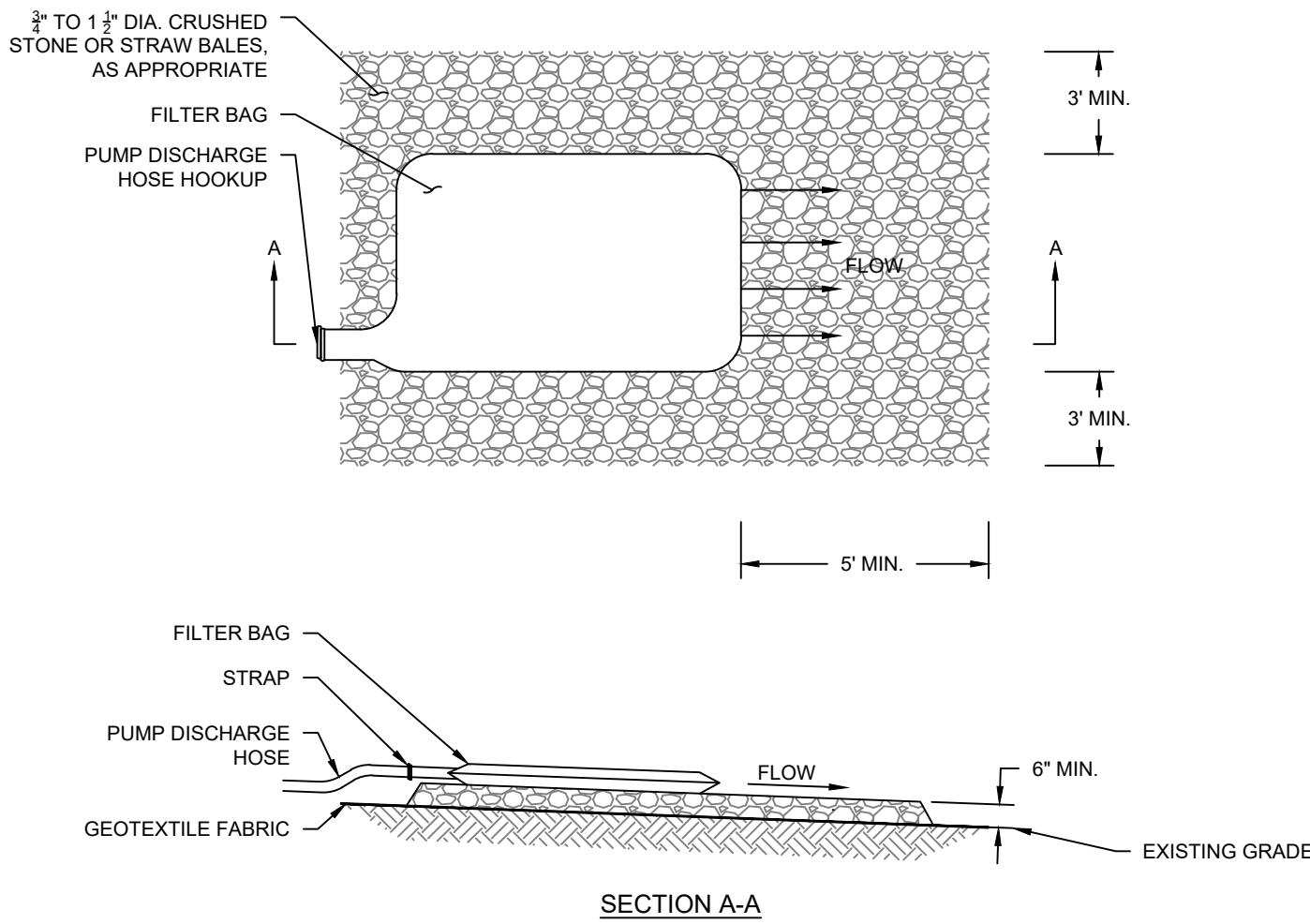
EQUIPMENT DECONTAMINATION PAD
NOT TO SCALE

WATTLE DIMENSIONS

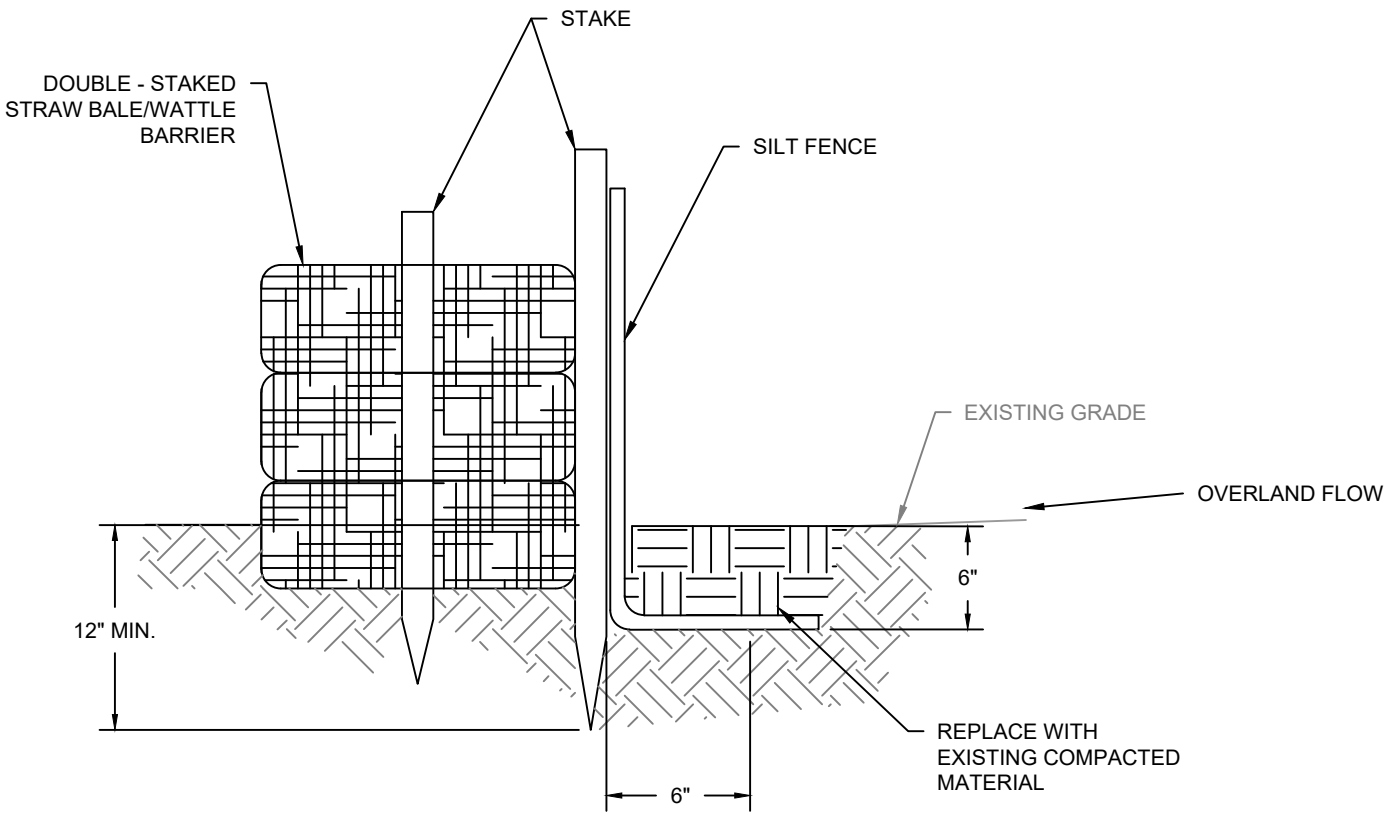
LENGTH 10 - 30 FT
DIA 9 - 12 IN



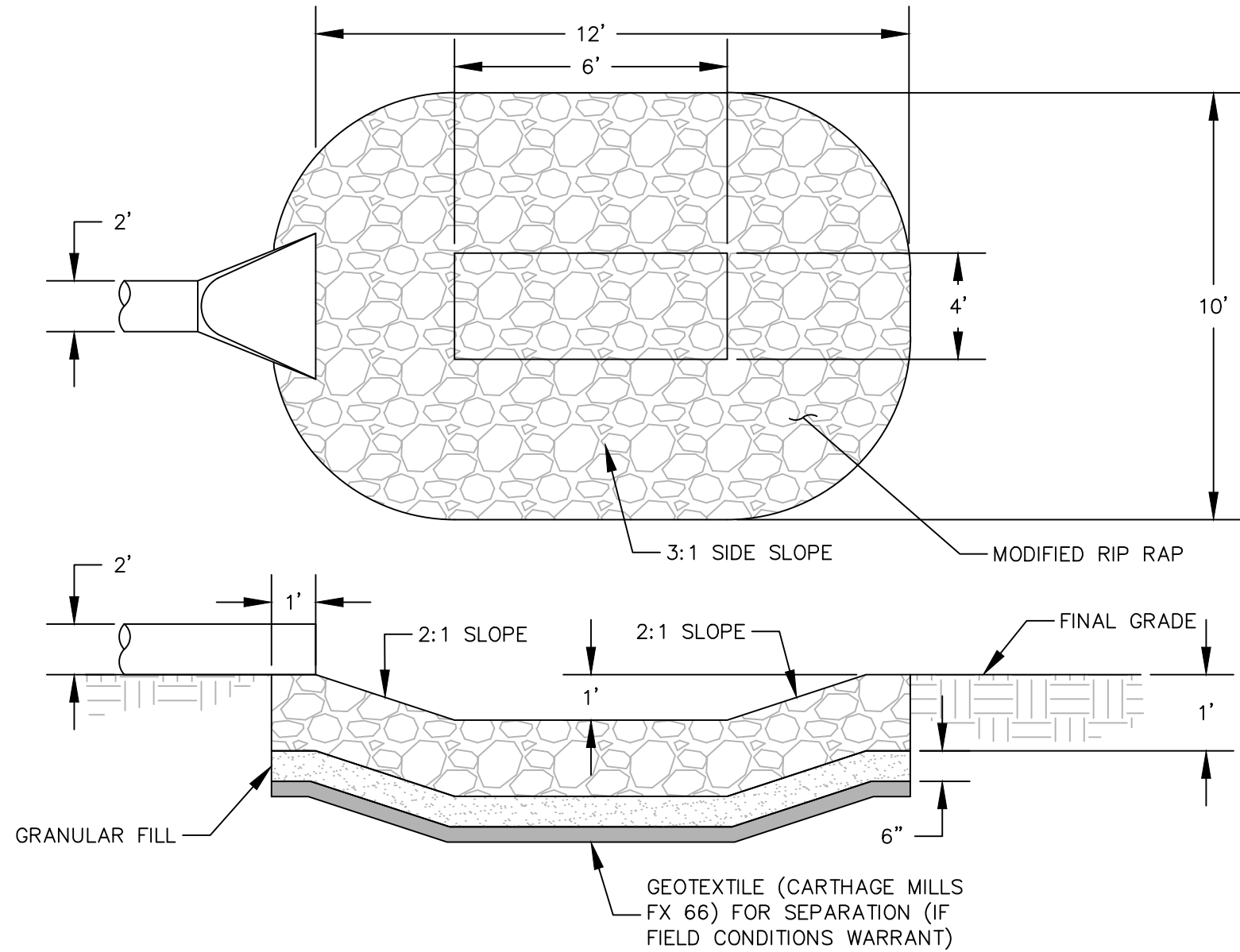
TYPICAL STRAW WATTLE
NOT TO SCALE



DEWATERING BAG
NOT TO SCALE



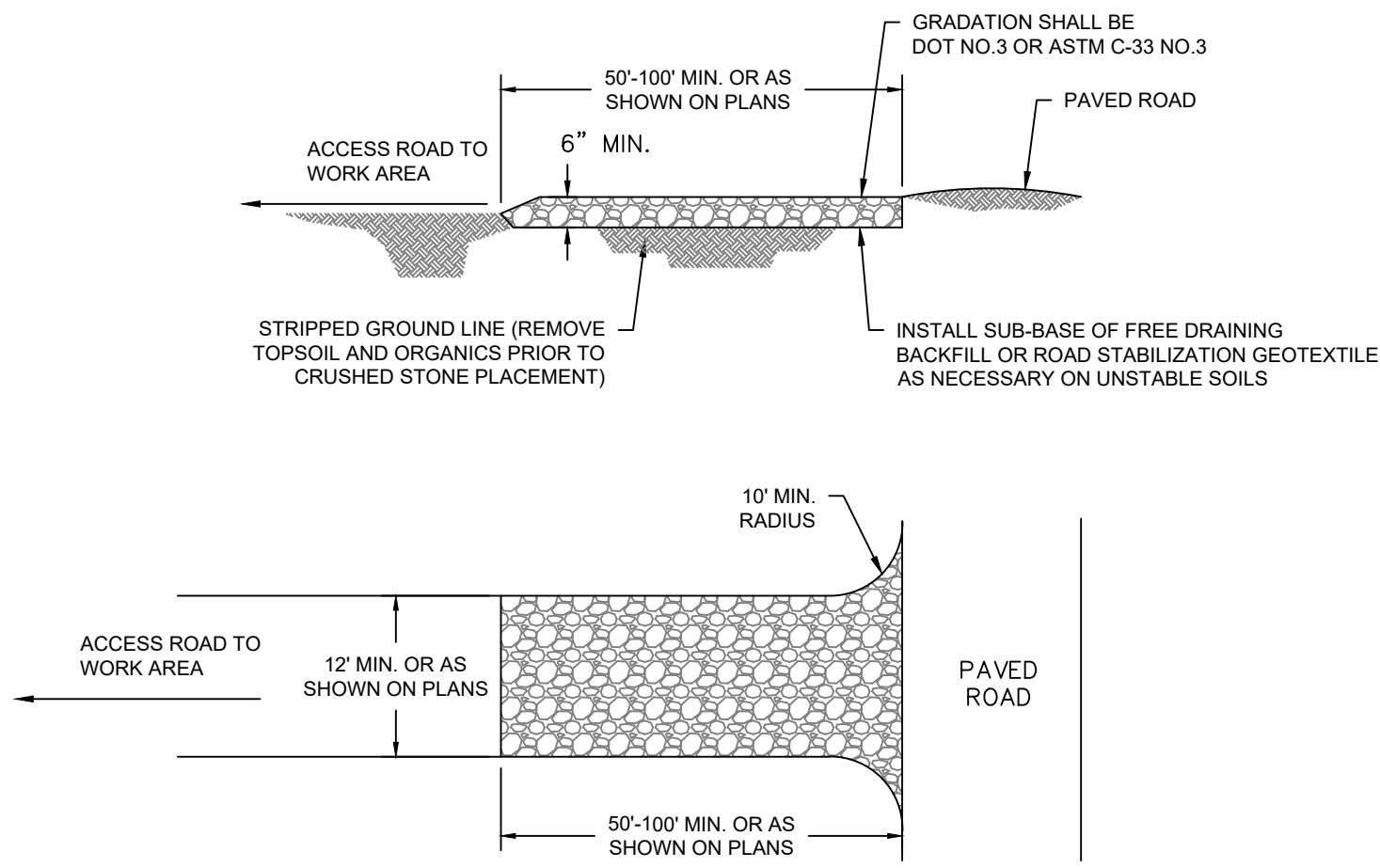
SILT FENCE BACKED BY STAKED STRAW BALES/WATTLES
NOT TO SCALE



NOTES:

1. SCOUR HOLE DESIGN AND INSTALLATION AS SPECIFIED BY SECTION 11.13 OF THE CONNECTICUT DEPARTMENT OF TRANSPORTATION DRAINAGE MANUAL, MAY 2002.
2. RIP RAP TO CONSIST AS MODIFIED RIP RAP AS SPECIFIED BY SECTION M.12.02 OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION FORM 819, 2024.

PREFORMED SCOUR HOLE
NOT TO SCALE



CONSTRUCTION ENTRANCE PAD
NOT TO SCALE



197 SCOTT SWAMP ROAD
FARMINGTON, CT 06032
(860) 674-9570
HRPASSOCIATES.COM

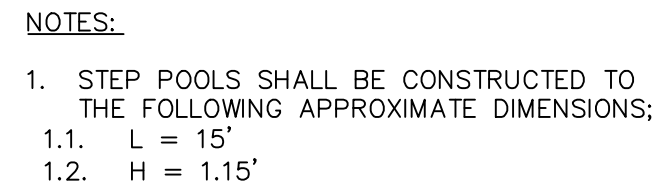
REVISIONS		NO.		DATE		DESCRIPTION	
DESIGNED:	SCALE:	ASB	AS NOTED	ISSUE DATE:	12/13/2024	PROJECT NUMBER:	WEST1757/RA
DRAWN:	ASB	ASB	ASB	REVIEWED:	KAM	APPROVED:	TRB
						SHEET SIZE: 24"x36"	



PROPOSED DAM REMOVAL & RESTORATION
WESLEYAN UNIVERSITY
170 LONG LANE
MIDDLETOWN, CT

DETAILS

SHEET NO.
D1.0



ROOT WAD REVETMENT
NOT TO SCALE



ROCK VANES
NOT TO SCALE

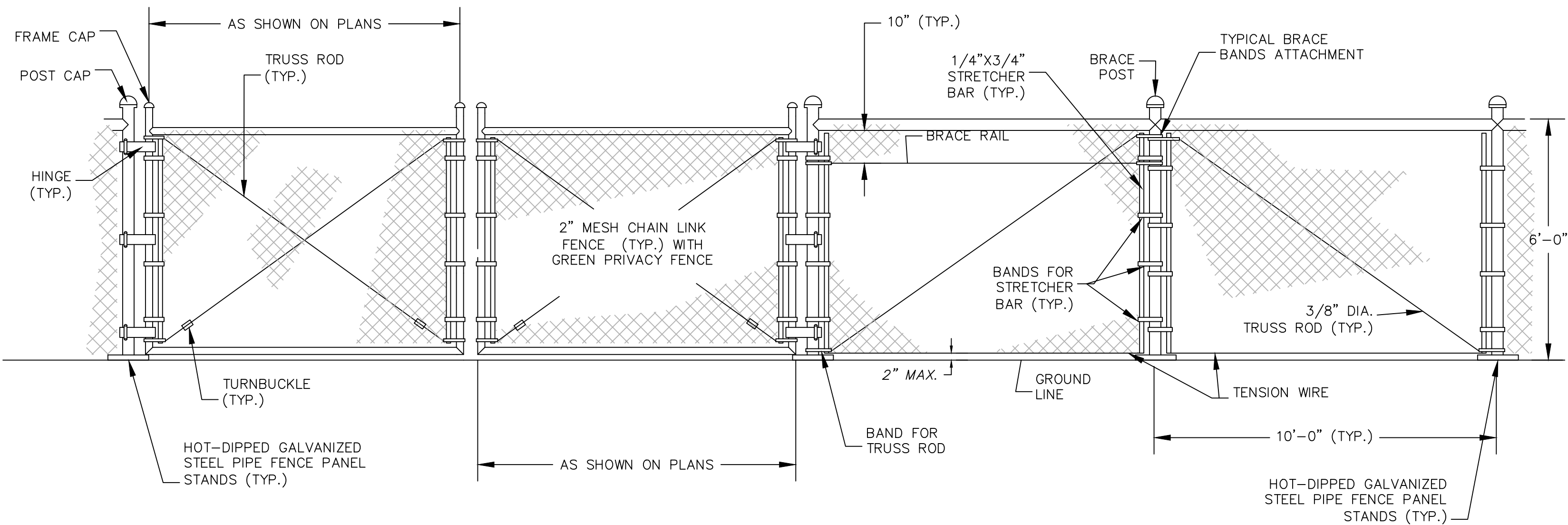
**PROPOSED DAM REMOVAL &
RESTORATION
WESLEYAN UNIVERSITY**
170 LONG LANE
MIDDLETOWN, CT

DETAILS

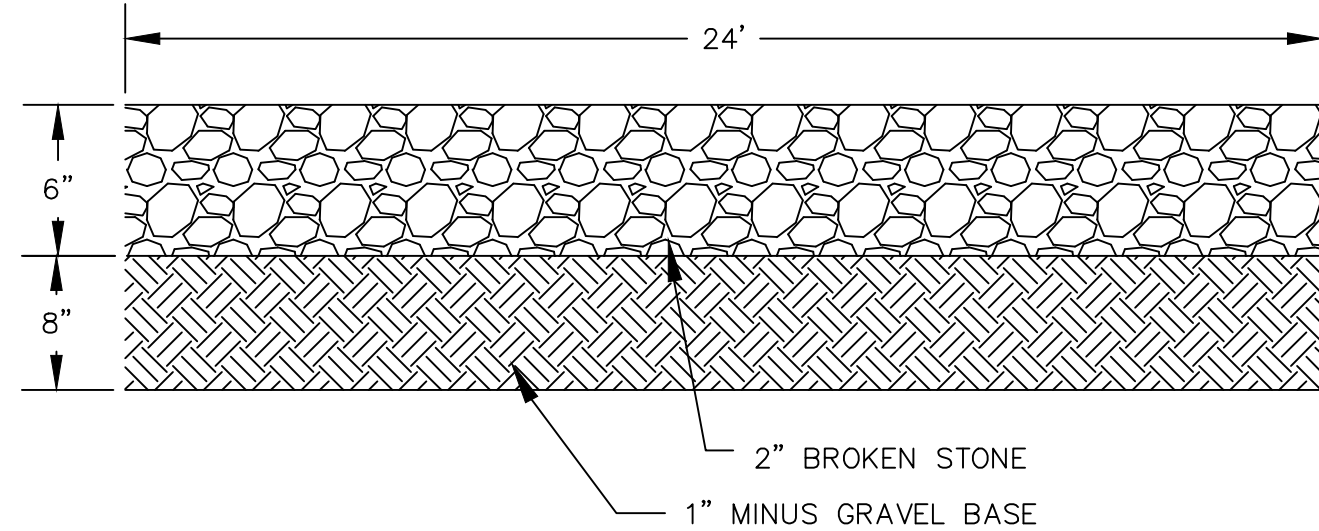
SHEET NO.

D1.1

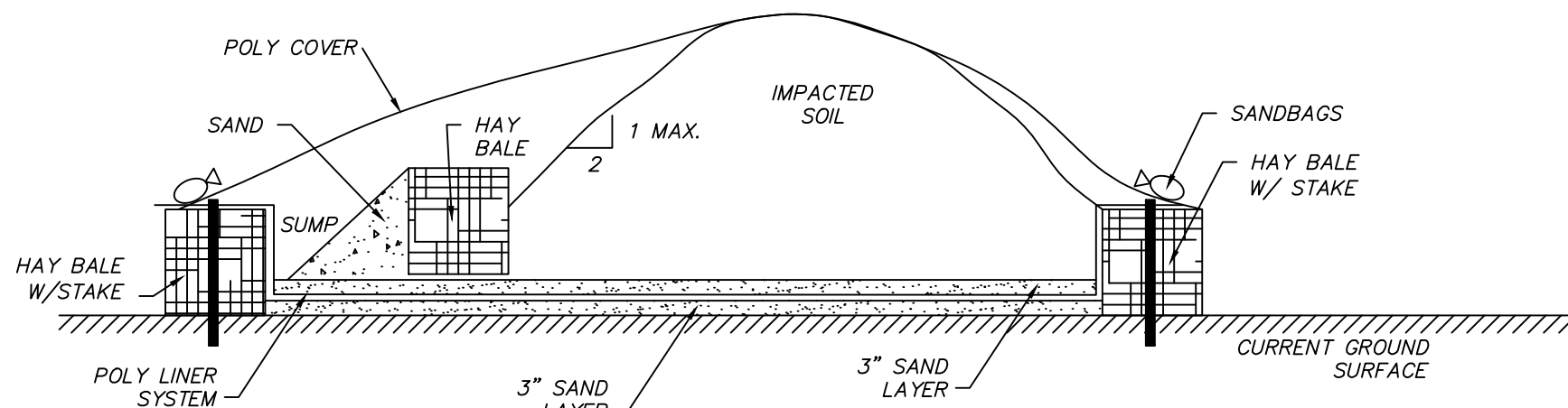
DRAWING NAME: J:\W\WESLEYAN UNIVERSITY\LONG LANE CAMPUS, MIDDLETOWN, CT\W157578A - RAMP\03\20\16\W157578A.dwg PLOT DATE: Jan 27, 2025, 2:17pm OPERATOR: ASB



CHAIN LINK TEMPORARY CONSTRUCTION GATE
NOT TO SCALE



STABILIZED ACCESS ROAD
NOT TO SCALE



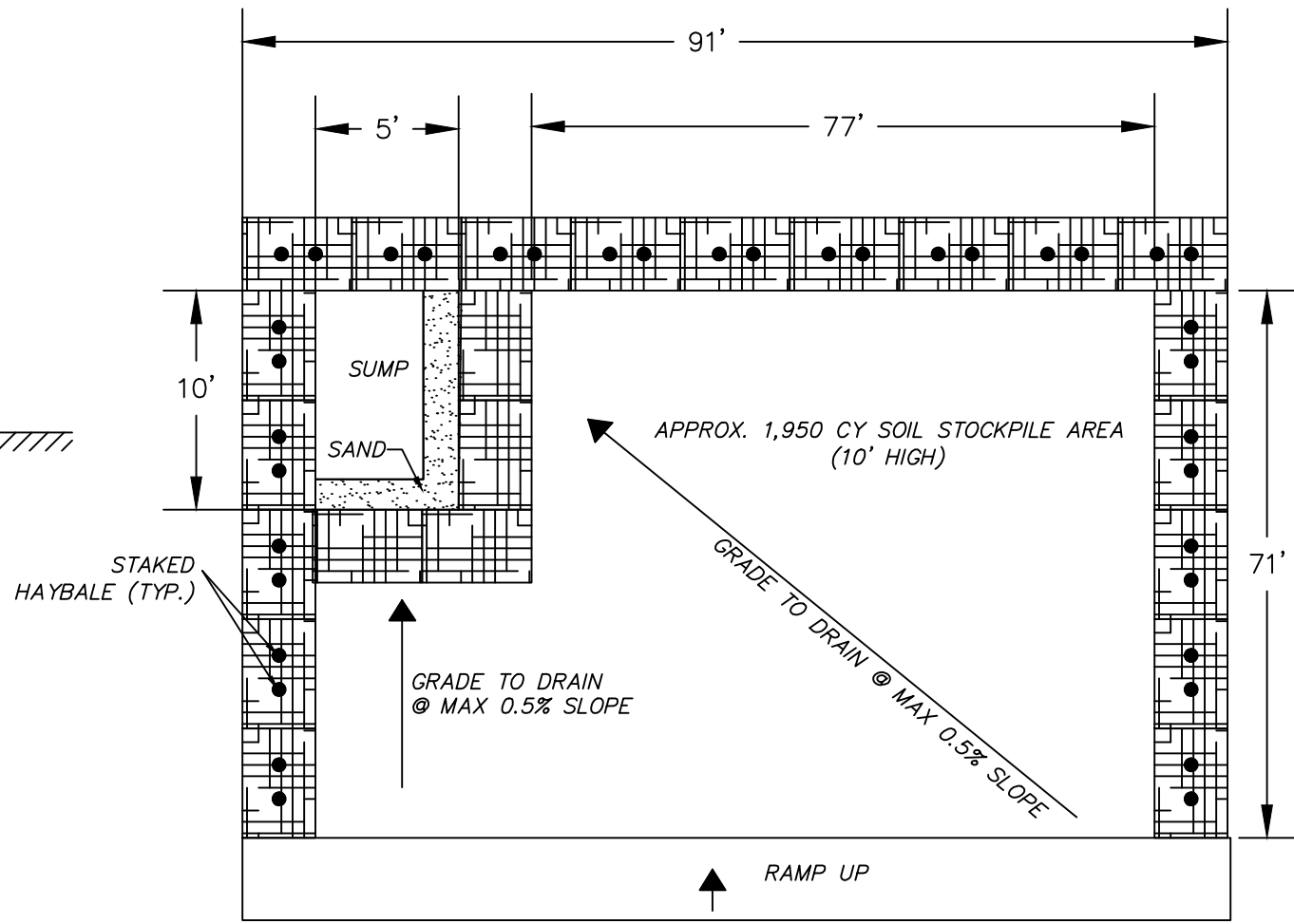
INSTALLATION REQUIREMENTS

1. GRADE EXISTING GROUND SURFACE TO DRAIN TO SUMP.
2. INSTALL HAY BALES AND SECURE WITH AT LEAST TWO WOODEN STAKES PER BALE.
3. WOODEN STAKES MUST BE INSTALLED TO A MINIMUM OF 6 INCHES INTO GROUND SURFACE.
4. INSTALL POLY LINER IN STOCKPILE AREA OVER THE HAYBALES.
5. POLY LINER SYSTEM SHALL CONSIST OF TWO LAYERS OF 10 MIL (MINIMUM) POLY LINER.
6. STOCKPILE STORAGE DIMENSIONS WILL BE ADJUSTED TO ACCOMMODATE FINAL VOLUMES.
7. COVER LINER MUST BE SECURED AT ALL TIMES.

ELEVATION VIEW

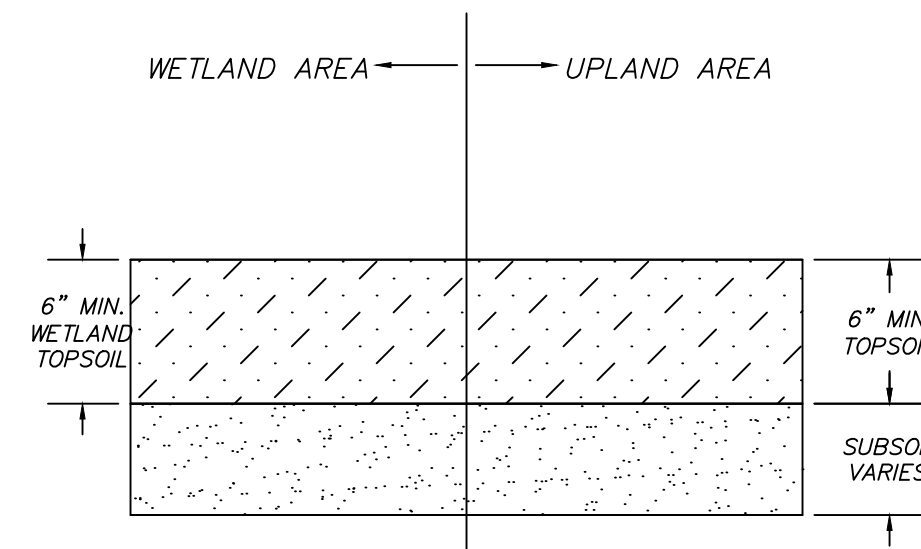
MAINTENANCE REQUIREMENTS

1. STOCKPILE AREA MUST BE KEPT COVERED UNLESS THERE IS ACTIVE LOADING/UNLOADING.
2. STOCKPILE AREA MUST BE INSPECTED DAILY.
3. ACCUMULATED RUNOFF MUST BE SENT TO THE ON-SITE WASTEWATER TREATMENT TRAILER.
4. REPAIRS TO THE STOCKPILE AREA MUST BE CONDUCTED AS NECESSARY.



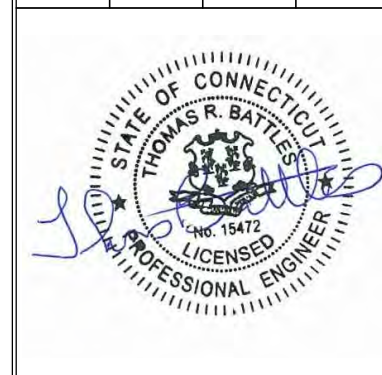
PLAN VIEW

STOCKPILE STORAGE
NOT TO SCALE



RESTORATION
NOT TO SCALE

REVISIONS		NO.		DATE		DESCRIPTION	
DESIGNED:	SCALE:	ASB	AS NOTED	12/13/2024	12/13/2024	PROJECT NUMBER:	WEST157/RA
DRAWN:	ISSUE DATE:	ASB	ISSUE DATE:	12/13/2024	12/13/2024	PROJECT NUMBER:	WEST157/RA
REVIEWED:	PROJECT NUMBER:	KAM	PROJECT NUMBER:	WEST157/RA	WEST157/RA	PROJECT NUMBER:	WEST157/RA
APPROVED:	SHEET SIZE:	TRB	SHEET SIZE:	24"x36"	24"x36"	SHEET SIZE:	24"x36"



PROPOSED DAM REMOVAL & RESTORATION
WESLEYAN UNIVERSITY
170 LONG LANE
MIDDLETOWN, CT

DETAILS