



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

100 Cambridge Street 9th Floor Boston, MA 02114 • 617-292-5500

Maura T. Healey
Governor

Kimberley Driscoll
Lieutenant Governor

Rebecca L. Tepper
Secretary

Bonnie Heiple
Commissioner

March 11, 2024

Karen Lombard
The Nature Conservancy
636 West Street
Sheffield, MA 01257

DEP WQC APPLICATION # 23-WW26-0005-APP
EEA # 16226
DEP File # 232-0046
NHESP File # 18-37448
NAE-2020-01622
401 WQC Application Completion: 2/29/24

RE: COMBINED CHAPTER 91 DREDGE PERMIT/401 WATER QUALITY
CERTIFICATION ("401 WQC") FOR DREDGING & FILL/EXCAVATION
Application for: COMBINED PERMIT – BRP WW 26
401 WATER QUALITY CERTIFICATION FOR DREDGING

AT: Becker Pond Dam – Mount Washington
Housatonic River Basin

Dear Ms. Lombard:

The Department of Environmental Protection ("MassDEP") has reviewed your application for a Combined Chapter 91 License and Permit/401 Water Quality Certification for Dredging and Fill/Excavation (collectively, "Combined Permit"), as referenced above and is basing its certification upon an evaluation of the information contained in the application which is relevant to water quality considerations. In accordance with the provisions of Section 401 of the Federal Clean Water Act (33 U.S.C. § 1251 *et seq.*), MGL c. 21, §§ 26-53, and 314 CMR 9.00, MassDEP has determined there is reasonable assurance the project or activity, as conditioned herein, will be conducted in a manner which will not violate applicable water quality standards (314 CMR 4.00) and other appropriate requirements of state law. Although the Combined Permit Application requested a 401 WQC for Fill/Excavation, the proposed project does not trigger the threshold that would require the issuance of an individual 401 WQC for Fill/Excavation. Therefore, only a 401 WQC for Dredging is being issued for this project. As a reminder, the Chapter 91 License and Permit will be issued in a separate document at a later date.

The waters of Becker Pond, which is a manmade impoundment on an unnamed perennial stream, are unlisted in the Massachusetts Surface Water Quality Standards and, therefore, considered Class B. Such waters are intended “as habitat for fish, other aquatic life and wildlife, and for primary and secondary contact recreation.”

Antidegradation provisions of these Standards require that “existing uses and the level of water quality necessary to protect the existing uses shall be maintained and protected.” In addition, this unnamed perennial stream is designated as a Cold Water Fishery. Further, the project area is located within the Schenob Brook Drainage Basin Area of Critical Environmental Concern (“ACEC”).

The above-referenced project includes the removal of Becker Pond Dam and the creation of a stream channel through the current impoundment. Once completed, this ecological restoration project is expected to restore aquatic and riparian habitat connectivity and enhance riverine function.

In total, approximately 644 cubic yards (“CY”) of material (310 CY of sediment, 215 CY of soil from the earthen dam, and 119 CY of concrete) will be dredged. The concrete will be removed and disposed of at an appropriate off-site facility. A portion of the remaining material will be beneficially reused on site to shape the new stream banks and to fill in a former borrow pit adjacent to the stream. The remainder will be transported to an appropriate off-site facility. Once the impoundment has drained and the project is complete, approximately 29,200 square feet of Land Under Water (“LUW”) will be lost. The work is shown on the attached plans.

Sediment Chemistry Results: Six sediment samples (one upstream of the dam, three in the impoundment, and two downstream of the dam) were collected for analysis. The results of the chemical analysis were compared to MassDEP’s *Interim Policy for Sampling, Analysis, Handling and Tracking Requirements for Dredged Sediment Reuse and Disposal* (COMM-94-007). All of the results were either non-detect or below the Reportable Concentration (“RC”) S-1 criteria of the Massachusetts Contingency Plan (“MCP”).

Public Notice: The Combined Permit Application public notice was published in the *Berkshire Eagle* on March 28, 2023. No comments were received by MassDEP during the 21-day public comment period pursuant to 314 CMR 9.05(3)(e), which ended on April 18, 2023.

Section 61 Findings: Pursuant to M.G.L. Chapter 30, Sections 61 to 62H inclusive [the Massachusetts Environmental Policy Act (“MEPA”)], the project, as referenced in the Combined Permit Application, DEP Application # 23-WW26-0005-APP, was required to file an Expanded Environmental Notification Form (“EENF”). The Nature Conservancy (the “Proponent”) filed the EENF for the construction of the project under EEA # 16226 and noticed the EENF in the Environmental Monitor (the “Monitor”) on June 10, 2020. In the Certificate issued on July 31, 2020, the Secretary of Energy and Environmental Affairs (the “Secretary”) determined that the project “requires the preparation of an Environmental Impact Report (“EIR”).” To streamline the review of the project, the Secretary allowed the

Proponent to “prepare a Single EIR pursuant to 11.06(8) rather than a Draft and Final EIR.” Accordingly, the Proponent filed the Single EIR and noticed such in the Monitor on May 6, 2021. In the Certificate issued on July 2, 2021, the Secretary determined that the Single EIR “adequately and properly complies with MEPA and its implementing regulations” and that the project “may proceed to permitting.” MassDEP has reviewed the findings in both the EENF and Single EIR Certificates and confirms that based on the avoidance, minimization, and mitigation measures undertaken by the Proponent, in conjunction with the requirements set forth in this 401 WQC, all outstanding issues have been addressed satisfactorily.

Therefore, based on information currently in the record, MassDEP grants a 401 WQC for this project subject to the following conditions to maintain or attain water quality, to minimize any damage to the environment that may result from the project, and to ensure compliance with appropriate provisions of state law. MassDEP certifies that there is reasonable assurance the project or activity, as conditioned herein, will be conducted in a manner which will not violate applicable water quality standards (314 CMR 4.00) and other appropriate requirements of state law.

1. The contractor shall take all steps necessary to ensure that the proposed activities will be conducted in a manner that will avoid violations of the antidegradation provisions of the Massachusetts Surface Water Quality Standards, 314 CMR 4.00, that protect all waters, including wetlands. Pursuant to 314 CMR 9.01(3), this condition is necessary to ensure that any discharge from the project complies with the Massachusetts Surface Water Quality Standards, as provided in 314 CMR 4.00, to protect the public health and restore and maintain the chemical, physical, and biological integrity of the water resources of the Commonwealth.
2. Prior to the start of work, or for any portion of the work thereafter, MassDEP shall be notified of any change(s) in the proposed project or plans that may affect waters or wetlands. MassDEP will determine whether the change(s) requires a revision to this 401 WQC. Pursuant to 314 CMR 9.07(1) and 314 CMR 9.09(2), this condition is necessary to protect the public health and restore and maintain the chemical, physical, and biological integrity of the water resources of the Commonwealth.
3. Dredging in accordance with this 401 WQC may begin following the 21-day appeal period and once all other permits have been received. Pursuant to 314 CMR 9.10, this condition is necessary to ensure that due process is provided to certain persons deemed to be aggrieved by the 401 WQC.
4. All work shall be performed in accordance with the following documents and plans [Pursuant to 314 CMR 9.05(1), this condition is necessary as these documents outline how the execution of the project will meet the criteria of 314 CMR 9.07 thereby protecting water quality and preventing degradation to wetlands and waters of the Commonwealth]:

- Application for Combined Permit, DEP Application # 23-WW26-0005-APP, dated March 23, 2023, as revised through February 29, 2024, with attachments.
 - Plan entitled “Becker Pond Dam Removal, The Nature Conservancy, Berkshire County, Massachusetts,” consisting of 12 sheets, various scales, dated August 17, 2022, prepared by Inter-Fluve, not signed, or stamped, and attached to this 401 WQC.
 - Plan entitled “Becker Pond Dam Removal – Mt. Washington, MA, Clean Water Act, Section 404 Permit Application,” consisting of 6 sheets, various scales, dated September 27, 2022, signed, and stamped by Sarah A. Widing, PE, and attached to this 401 WQC.
 - Letter from Everose Schluter, Massachusetts Division of Fisheries and Wildlife (“MassWildlife”), Natural Heritage and Endangered Species Program (“NHESP”), to the Mount Washington Conservation Commission and Karen Lombard, The Nature Conservancy, dated July 28, 2022, consisting of 4 pages. [The “NHESP Letter”]
 - Document entitled “Becker Pond Dam Removal, Sediment Monitoring Plan,” consisting of 26 pages, dated February 2024, prepared by Inter-Fluve, received by MassDEP on February 28, 2024.
 - Document entitled “The Nature Conservancy Approaches to Invasive Plant Species Management in Wetland Resource Areas,” consisting of 2 pages, received by MassDEP on February 26, 2024.
5. MassDEP shall be notified, attention Derek Standish [617-875-3843 derek.standish@mass.gov], one week prior to the start of in-water work so that MassDEP staff may inspect the work for compliance with the terms and conditions of this 401 WQC. Pursuant to 314 CMR 9.05(4), this condition is necessary to ensure that construction practices are implemented in such a manner as to prevent degradation to wetlands and waters of the Commonwealth.
 6. The term of this 401 WQC remains in effect for the same duration as the federal permit that requires it. Pursuant to 314 CMR 9.00, this condition is necessary to ensure that any dredging is conducted in a timely manner and complies with the Massachusetts Surface Water Quality Standards, as provided in 314 CMR 4.00, to protect the public health and restore and maintain the chemical, physical, and biological integrity of wetlands and waters of the Commonwealth.
 7. During the project period, there shall be no discharge or spillage of fuel, oil, or other pollutants, including sediments, onto any part of the site. The applicant shall take all reasonable precautions to prevent the release of pollutants by ignorance, accident, or vandalism. Pursuant to 314 CMR 9.07(1), this condition is necessary to ensure

that construction practices are implemented in such a manner as to prevent degradation to wetlands and waters of the Commonwealth.

8. No later than four weeks after issuance of this 401 WQC, the applicant shall submit a notification procedure outlining the reporting process to MassDEP for incidents relating to dredging activities that impact surrounding resource areas and habitats including, but not limited to, observed dead or distressed fish or other aquatic organisms, observed oily sheen on the surface of the water, a sediment spill, a turbidity plume beyond the deployed Best Management Practices (“BMPs”), and a barge or equipment accident/spill. If at any time during implementation of the project such an incident occurs, the applicant shall immediately notify MassDEP and all site related activities impacting the water shall cease until the source of the problem is identified and adequate mitigating measures are deployed to the satisfaction of MassDEP. Pursuant to 314 CMR 9.07(3), this condition is necessary to ensure that construction is conducted in a manner that minimizes short-term, long-term, and cumulative impacts on the aquatic ecosystem and provides protection to human health.
9. Future maintenance dredging is not authorized under this 401 WQC. Pursuant to 314 CMR 9.04(5), the project does not qualify for the routine maintenance exemption. This condition is necessary to ensure that the chemical, physical and biological integrity of wetlands and waters of the Commonwealth are protected.
10. Flow to the downstream channel (unnamed perennial stream) shall be maintained throughout construction of the project. Pursuant to 314 CMR 9.07(1)(c), this condition is necessary to ensure that construction will be conducted in a manner that will not reduce or alter the habitat functions of the affected wetlands and waters of the Commonwealth.
11. Work conducted between April 15th and October 31st must be performed under the direct supervision of an NHESP-approved biologist pursuant to the NHESP Letter cited in Condition # 4. Work conducted between November 1st and April 14th may proceed without restrictions. Pursuant to 314 CMR 9.07(1)(a), this condition is necessary to avoid a prohibited Take of state-listed species by NHESP.
12. All equipment/machinery shall be stored above the High Water Mark (“HWM”) and outside any wetland resource areas when not in use. Pursuant to 314 CMR 9.07(1)(b)4.c., this condition is necessary to avoid and minimize adverse construction impacts to wetlands and waters of the Commonwealth.
13. All sedimentation barriers shall be maintained in good repair until all disturbed areas have been fully stabilized with vegetation or other means. At no time shall sediments be deposited in a wetland or water body, except as described in the documents and plans cited in Condition # 4. During construction, the applicant or his/her designee shall inspect the erosion controls on a daily basis and shall remove accumulated sediments as needed. The applicant shall immediately control any erosion problems

that occur at the site and shall also immediately notify MassDEP, which reserves the right to require additional erosion and/or damage prevention controls it may deem necessary. Sedimentation barriers shall serve as the limit of work unless another limit of work line has been approved by MassDEP pursuant to this 401 WQC. Pursuant to 314 CMR 9.07(1)(b)4.c., this condition is necessary to avoid and minimize adverse construction impacts to wetlands and waters of the Commonwealth.

14. No later than 21 days prior to commencement of dredging activity, a dredged material dewatering plan shall be submitted to MassDEP for review and written approval. At a minimum, the dewatering plan shall include, but not be limited to, the type of containment, method of dewatering (i.e., mechanical or by gravity), method of collecting the dewatered effluent, and method of disposal. Pursuant to 314 CMR 9.07(1), this condition is necessary to adequately minimize and contain runoff water and material from the dredged material dewatering process to protect the water resource area thereby ensuring that water quality is not degraded, and biological resources are not negatively impacted by potential discharges.
15. No later than 21 days prior to commencement of dredging activity, a construction phase water control plan shall be submitted to MassDEP for review and written approval. Pursuant to 314 CMR 9.07(1)(b)4.c., this condition is necessary to avoid and minimize adverse construction impacts to wetlands and waters of the Commonwealth.
16. MassDEP shall be notified in writing of the name and location of the upland licensed facility accepting the dredged material for disposal or reuse as daily cover material. If the licensed facility is located out of state, documentation shall be provided to MassDEP that the dredged material disposal/reuse has been approved and will be accepted by the receiving state in accordance with 314 CMR 9.07(13)(b). The dredged material shall not be transported to the facility without the concurrence of MassDEP. Pursuant to 314 CMR 9.07(5) and 314 CMR 9.07(13), this condition is necessary to ensure that dredged material disposal will not adversely affect any wetlands or waters in the receiving area.
17. A Material Shipping Record (“MSR”) shall be used to track the dredged material to the licensed upland facility. A fully executed copy of the MSR shall be provided to MassDEP within 30 days of final shipment to the reuse location or facility. Pursuant to 314 CMR 9.07(5), this condition is necessary to maintain a record of the dredged material for reference and to ensure accountability in its transportation. This assists in the protection of health, safety, public welfare, and the environment from any potential hazards during transportation. Finally, it attests to the dredged material conforming with permitting and regulatory requirements for acceptance at the receiving location.
18. BMPs shall be implemented during transportation of the dredged material to the licensed receiving facility. At a minimum, when transported upon public roadways, all

dredged material shall have no free liquid as determined by the Paint Filter Test or other suitably analogous methodology acceptable to MassDEP, and a tarpaulin or other means shall be used to cover the dredged material during transport. Pursuant to 314 CMR 9.07(5), this condition is necessary to protect off site water quality during transportation. These practices help to avoid fugitive dust and siltation into wetlands and waters of the Commonwealth.

19. Within 30 days of the completion of dredging, photographs of the affected areas depicting post-dredge conditions shall be taken and submitted to Derek Standish [derek.standish@mass.gov] at MassDEP. Pursuant to 314 CMR 9.07(1), this condition is necessary to ensure that construction practices are implemented in such a manner as to prevent degradation to wetlands and waters of the Commonwealth.

Failure to comply with this 401 WQC is grounds for enforcement, including civil and criminal penalties, under M.G.L. c. 21, § 42, 314 CMR 9.00, M.G.L. c. 21A § 16, 310 CMR 5.00, or other possible actions/penalties as authorized by the General Laws of the Commonwealth.

This 401 WQC does not relieve the applicant of the obligation to comply with other appropriate state or federal statutes or regulations. Any changes made to the project as described in the previously submitted Combined Permit Application or supplemental documents will require further notification to and, if an amendment is required, approval by MassDEP.

NOTICE OF APPEAL RIGHTS

Certain persons shall have a right to request an adjudicatory hearing concerning 401 WQCs by MassDEP when an application is required:

- a. the applicant or property owner;
- b. any person aggrieved by the decision who has submitted written comments during the public comment period;
- c. any ten persons of the Commonwealth pursuant to M.G.L. c. 30A where a group member has submitted written comments during the public comment period; or
- d. any governmental body or private organization with a mandate to protect the environment, which has submitted written comments during the public comment period.

Any person aggrieved, any ten persons of the Commonwealth, or a governmental body or private organization with a mandate to protect the environment may appeal without having submitted written comments during the public comment period only when the claim is based on new substantive issues arising from material changes to the scope or impact of the activity and not apparent at the time of public notice. To request an adjudicatory hearing pursuant to M.G.L. c. 30A, § 10, a Notice of Claim must be made in writing, provided that the request is made by certified mail or hand delivery to MassDEP, with the appropriate filing fee specified within 310 CMR 4.10 along with a DEP Fee Transmittal Form within 21 days from the date of issuance of this 401 WQC.

Department of Environmental Protection
Case Administrator
Office of Appeals and Dispute Resolution
100 Cambridge Street, Suite 900
Boston, MA 02114

A copy of the request shall at the same time be sent by certified mail or hand delivery to the issuing office of the Wetlands Program at:

Department of Environmental Protection
Wetlands Program
100 Cambridge Street, Suite 900
Boston, MA 02114

A Notice of Claim for Adjudicatory Hearing shall comply with MassDEP's Rules for Adjudicatory Proceedings, 310 CMR 1.01(6), and shall contain the following information pursuant to 314 CMR 9.10(3):

- a. the Combined Permit Application Number;
- b. the complete name of the applicant and address of the project;
- c. the complete name, address, and fax and telephone numbers of the party filing the request, and, if represented by counsel or other representative, the name, fax and telephone numbers, and address of the attorney;
- d. if claiming to be a party aggrieved, the specific facts that demonstrate that the party satisfies the definition of "aggrieved person" found at 314 CMR 9.02;
- e. a clear and concise statement that an adjudicatory hearing is being requested;
- f. a clear and concise statement of (1) the facts which are grounds for the proceedings, (2) the objections to this 401 WQC, including specifically the manner in which it is alleged to be inconsistent with the MassDEP's Water Quality Regulations, 314 CMR 9.00, and (3) the relief sought through the adjudicatory hearing, including specifically the changes desired in the final written 401 WQC; and
- g. a statement that a copy of the request has been sent by certified mail or hand delivery to the applicant, the owner (if different from the applicant), the conservation commission of the city or town where the activity will occur, the Department of Conservation and Recreation (when the certificate concerns projects in Areas of Critical Environmental Concern), the public or private water supplier where the project is located (when the certificate concerns projects in Outstanding Resource Waters), and any other entity with responsibility for the resource where the project is located.

The hearing request along with a DEP Fee Transmittal Form and a valid check or money order payable to the Commonwealth of Massachusetts in the amount of one hundred dollars (\$100) must be mailed to:

Commonwealth of Massachusetts
Department of Environmental Protection
Commonwealth Master Lockbox
PO Box 4062
Boston, MA 02211

The request will be dismissed if the filing fee is not paid unless the appellant is exempt or granted a waiver. The filing fee is not required if the appellant is a city or town (or municipal agency), county, or district of the Commonwealth of Massachusetts, or a municipal housing authority. MassDEP may waive the adjudicatory hearing filing fee pursuant to 310 CMR 4.06(2) for a person who shows that paying the fee will create an undue financial hardship. A person seeking a waiver must file an affidavit setting forth the facts believed to support the claim of undue financial hardship together with the hearing request as provided above.

Should you have any questions relative to this 401 WQC, please contact Derek Standish at (617) 875-3843 [derek.standish@mass.gov].

Sincerely,

A handwritten signature in black ink, appearing to read "Lisa Rhodes", written in a cursive style.

Lisa Rhodes
Wetlands Program Chief

ecc:Mount Washington Conservation Commission, East Street, Rfd 3, Mount Washington, MA 01258
Sarah Widing, Inter-Fluve, 220 Concord Avenue, 2nd Floor, Cambridge, MA 02138
Michael McHugh and Mary Grover, DEP – WERO, 436 Dwight Street, Springfield, MA 01103
Susan You, MassDEP – Waterways Program, 100 Cambridge Street, Suite 900, Boston, MA 02114
Chris Hirsch, Massachusetts Division of Ecological Restoration, 100 Cambridge Street, 6th Floor,
Boston, MA 02114
Misty-Anne Marold and Adam Kautza, MassWildlife, One Rabbit Hill Road, Westborough, MA 01581
Katelyn Rainville and Paul M. Maniccia, Department of the Army, New England District, Corps of
Engineers, 696 Virginia Road, Concord, MA 01742-2751
Edward Reiner and Rachel Croy, EPA, 5 Post Office Square, Suite 100, Boston, MA 02109

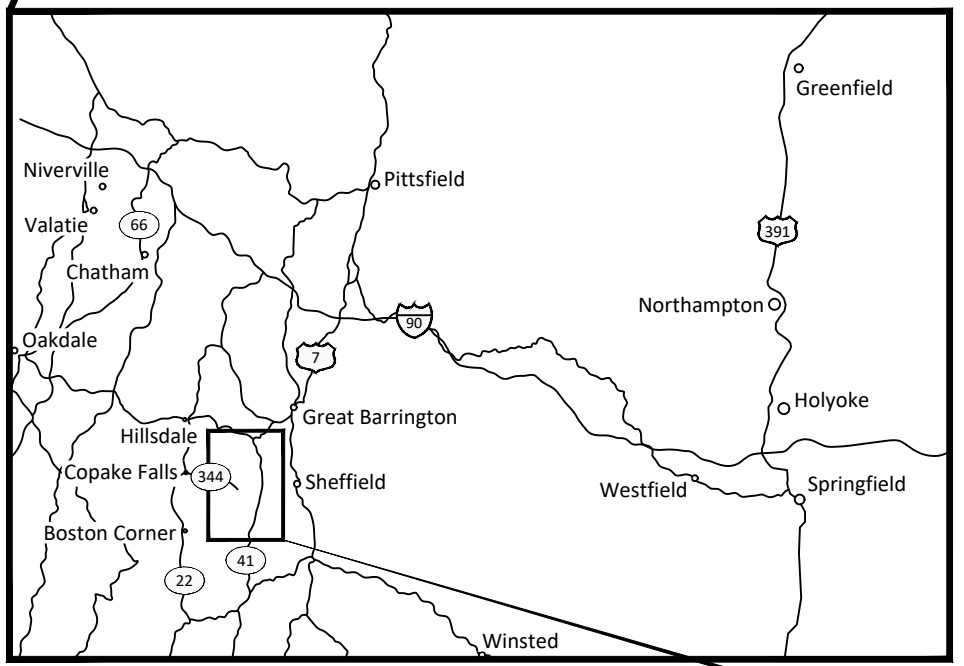
attachments: Communication for Non-English Speaking Parties document
Plans of Record

BECKER POND DAM REMOVAL

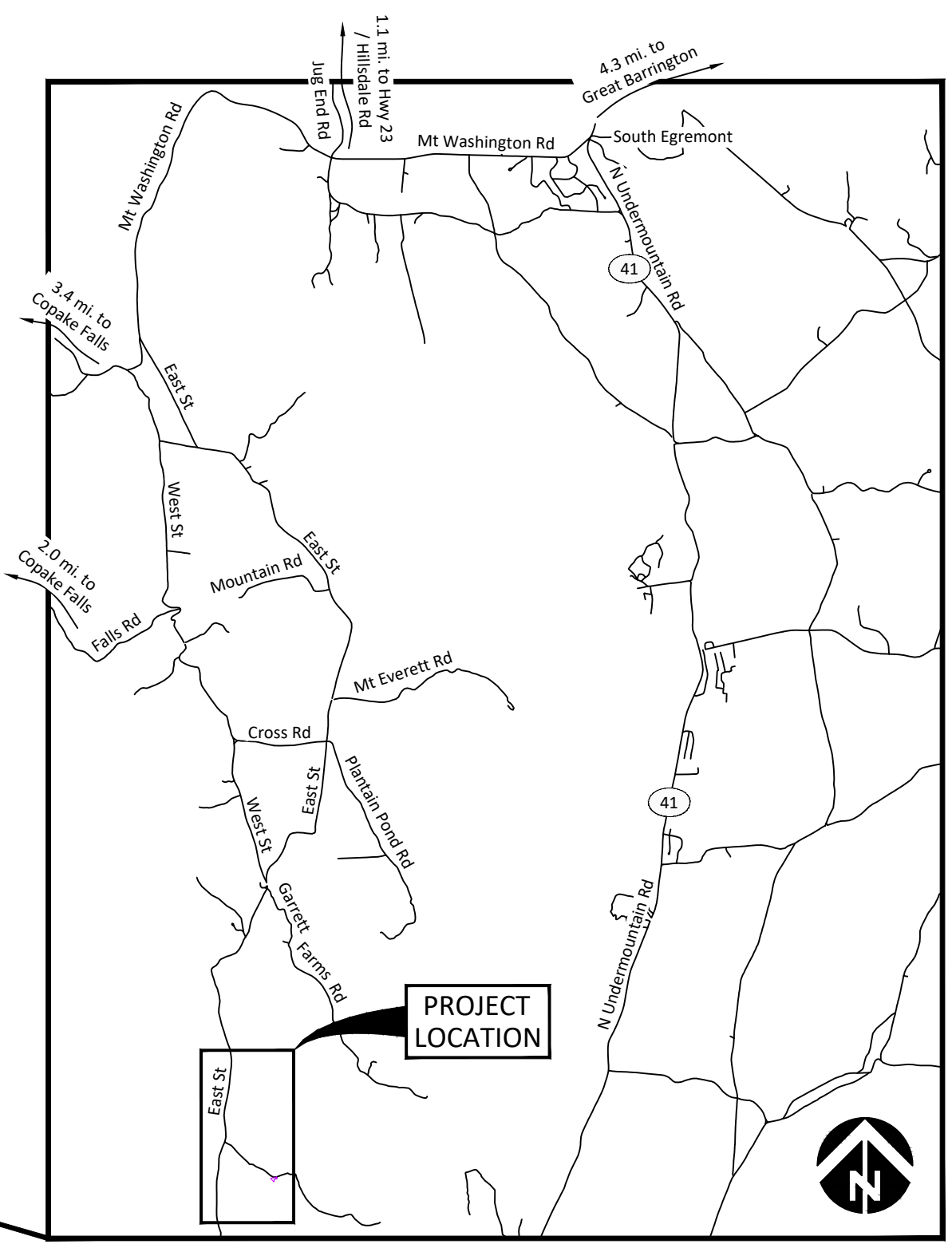
75% DESIGN PLANS AUGUST 17, 2022

SHEET PROVIDED FOR PROJECT PERMITTING ONLY. NOT FOR USE IN PROJECT CONSTRUCTION.

LOCATION MAP
STATE OF MASSACHUSETTS
NOT TO SCALE



VICINITY MAP
SCALE: 1" = 15 MI.



SITE MAP
SCALE: 1" = 1 MI.

SHEET LIST

- 1 Cover, Location and Sheet List
- 2 Existing Conditions, Ownership, and Survey Control
- 3 Access and Staging, Erosion and Sediment Control
- 4 Existing Conditions
- 5 Dam Removal Plan and Profile STA 1+50 to STA 2+75
- 6 Pilot Channel Plan and Profile STA 2+75 to STA 5+75
- 7 Pilot Channel Plan and Profile STA 5+75 to STA 8+00
- 8 Dam Removal Grading Cross Sections
- 9 Dam Removal Grading Cross Sections and Details
- 10 Pilot Channel Construction Cross Sections
- 11 Large Wood Structure Details
- 12 Resource Area Impacts

COORDINATES:
 LATITUDE 42°03'29.88" N
 LONGITUDE 73°27'33.12" W

MOUNT WASHINGTON, BERKSHIRE COUNTY, MASSACHUSETTS

WATERBODY: BECKER POND
TRIBUTARY OF: SHENOB BROOK AND HOUSATONIC RIVER



F:\INTERFLUVE\Boston\Drawings\NEL\BeckerPond.dwg - sjohnson - 8/17/22

NO.	BY	DATE	REVISION DESCRIPTION

DF,SW DRAWN	NN,SW DESIGNED	CC CHECKED
---	08/12/2022	18-05-01
APPROVED	DATE	PROJECT

BECKER POND DAM REMOVAL
THE NATURE CONSERVANCY
BERKSHIRE COUNTY, MASSACHUSETTS



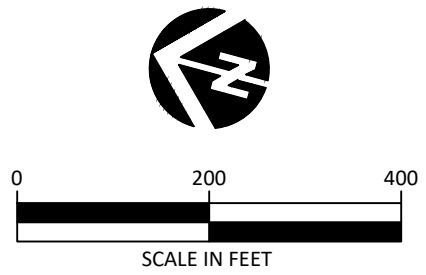
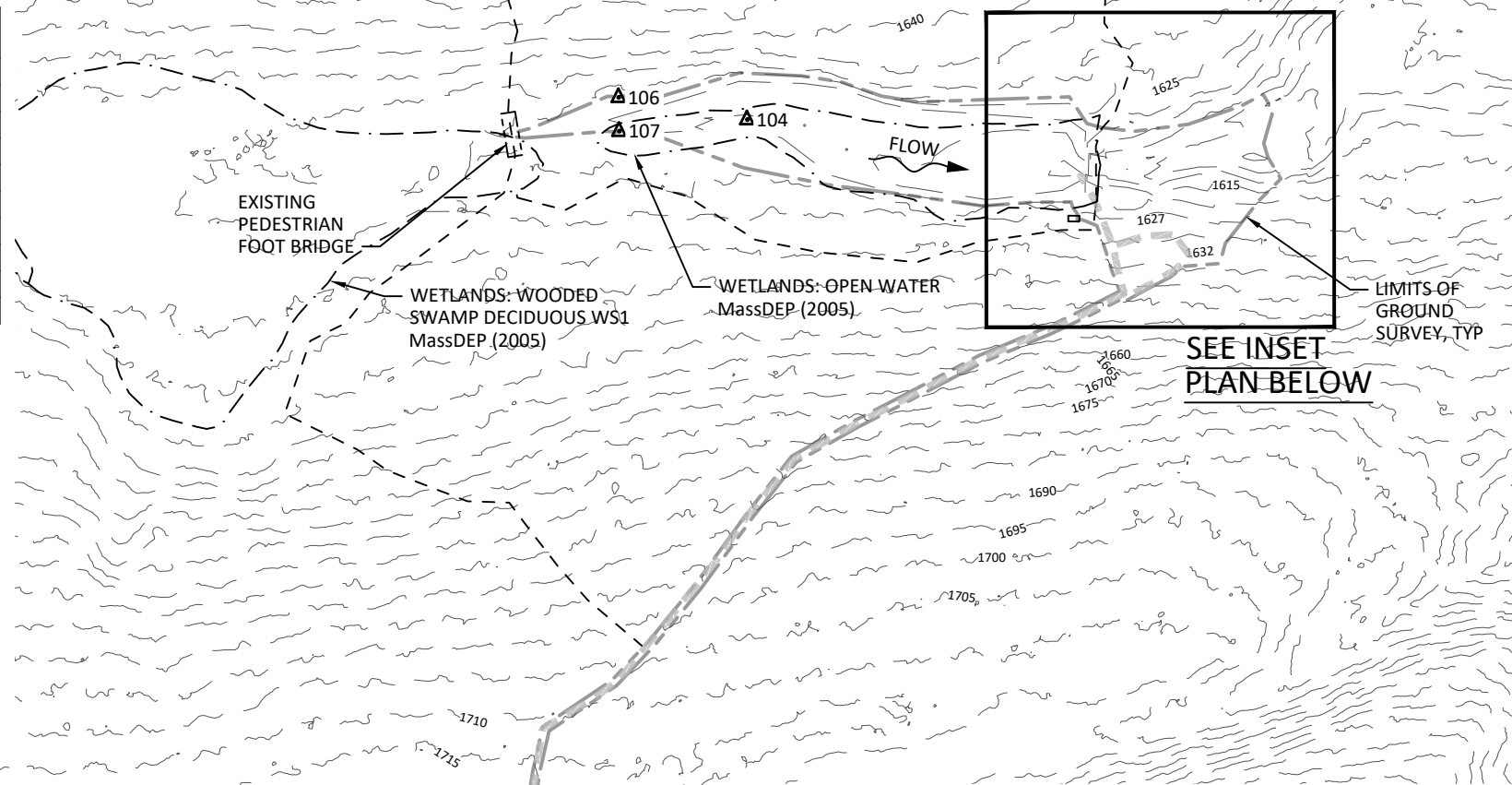
220 Concord Avenue, 2nd Floor
 Cambridge, MA 02138
 617.714.5537
 www.interfluve.com

**COVER, LOCATION
AND SHEET LIST**

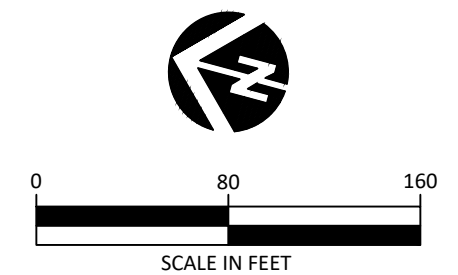
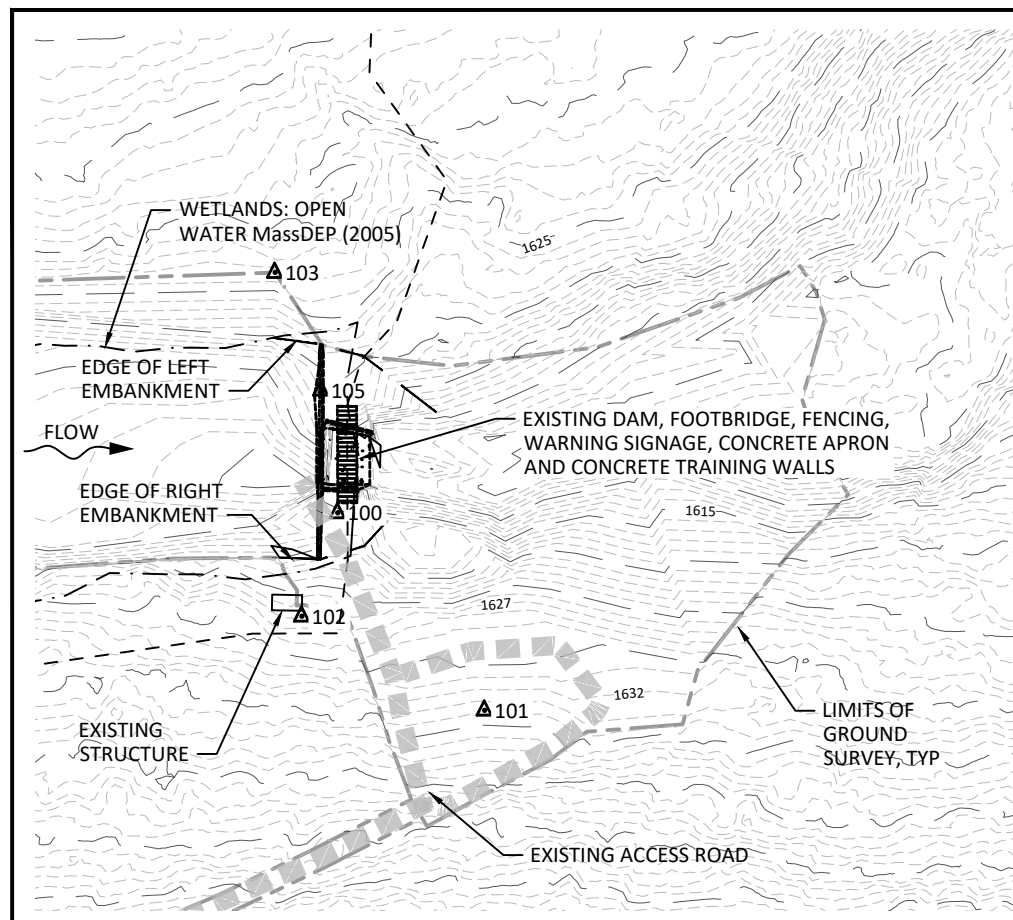
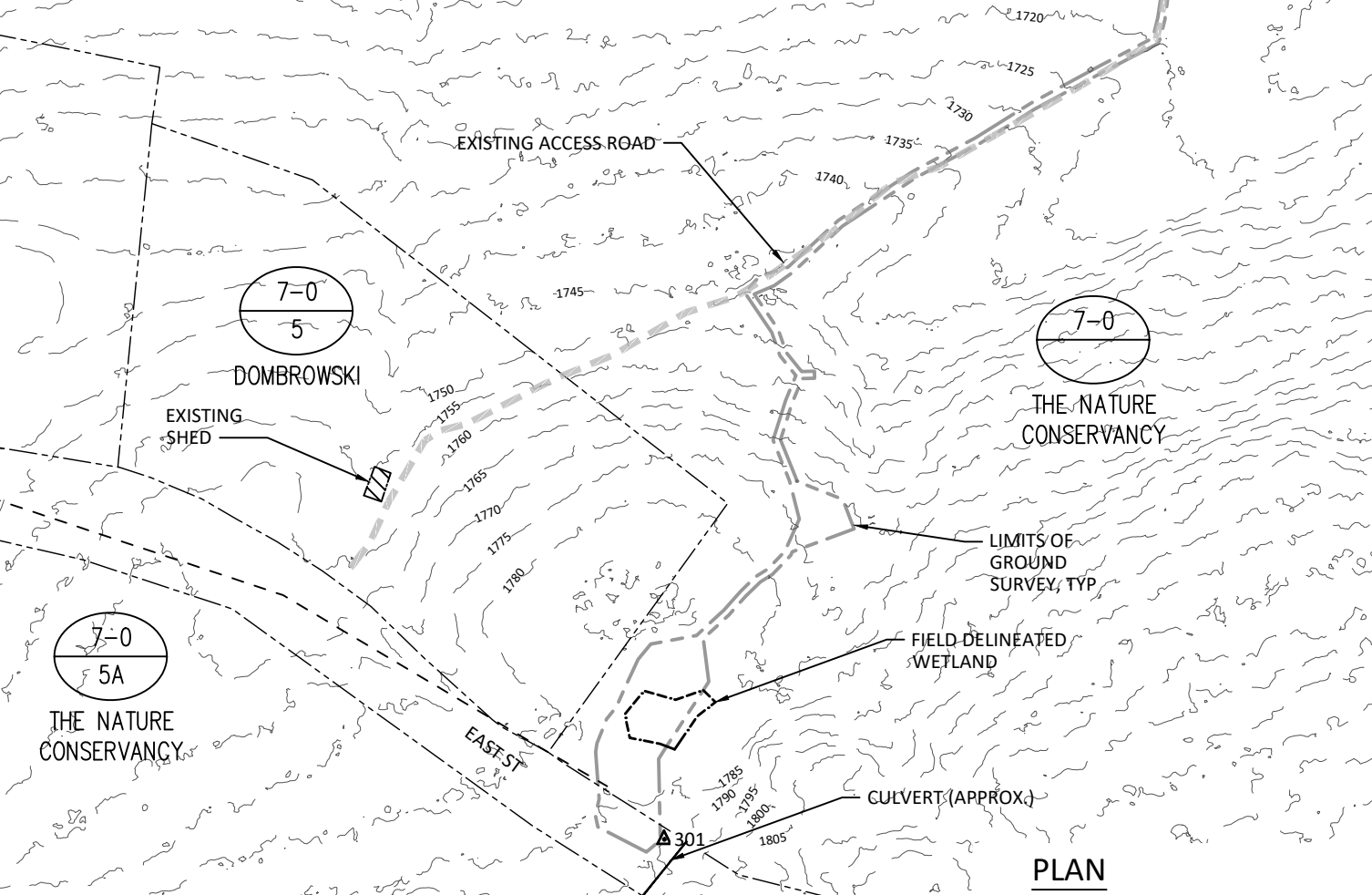
SURVEY CONTROL POINTS				
PT NO	NORTHING	EASTING	ELEVATION	DESCRIPTION
100	2852371.25'	124142.01'	1620.87'	STAKE
101	2852290.85'	124078.40'	1635.07'	CAPPED REBAR
102	2852374.56'	124096.57'	1627.66'	CAPPED REBAR
103	2852422.40'	124232.01'	1626.99'	CAPPED REBAR
104	2852767.31'	124112.83'	1620.78'	STAKE
105	2852391.20'	124189.53'	1622.10'	PK NAIL
106	2852914.11'	124099.55'	1624.06'	STAKE
107	2822903.58'	124062.79'	1621.03'	STAKE
301	2853108.94'	122251.53'	1790.53'	PK NAIL

SURVEY NOTES:

1. Ground survey completed within the Limit of Survey by Inter-Fluve in April 2018 and May 2019.
2. Depth of refusal survey completed within the impoundment by Inter-Fluve in April 2018.
3. Contours beyond the Limits of Survey in upland areas from LiDAR Digital Elevation Model: 2016 USGS CoNED Topobathymetric Model (1887-2016) New England Dataset (obtained from NOAA June 2019).
4. The horizontal coordinate system is the North American Datum of 1983 (NAD83), Massachusetts State Plane, Mainland Zone, US feet. Elevations are presented in feet and referenced to the North American Vertical Datum 1988 (NAVD88)
5. Existing parcel data provided by TNC (2019) and obtained by MassGIS. Existing trail data provided by TNC (2019).
6. The wetland delineation was completed by BSC Group on May 16, 2022 using handheld GPS with sub-meter accuracy.



- LEGEND**
- SURVEY CONTROL POINT
 - EXISTING 5-FT CONTOURS
 - PROPERTY LINE (MassGIS)
 - PROPERTY LINE (TNC GIS)
 - EXISTING TRAIL
 - LIMITS OF GROUND SURVEY
 - EXISTING ROAD
 - FIELD DELINEATED WETLAND
 - MAP NUMBER
 - LOT NUMBER
 - PROPERTY OWNER
 - WETLANDS MassDEP (2005)



- LEGEND**
- SURVEY CONTROL POINT
 - EXISTING 1-FT CONTOURS
 - EXISTING 5-FT CONTOURS
 - LIMITS OF GROUND SURVEY
 - EXISTING ROAD
 - EXISTING TRAIL
 - WETLANDS MassDEP (2005)

SHEET PROVIDED FOR PROJECT PERMITTING ONLY. NOT FOR USE IN PROJECT CONSTRUCTION.

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NO.	BY	DATE	REVISION DESCRIPTION

DF, SW DRAWN	NN, SW DESIGNED	CC CHECKED
	08/12/2022	18-05-01
APPROVED	DATE	PROJECT

**BECKER POND DAM REMOVAL
THE NATURE CONSERVANCY
BERKSHIRE COUNTY, MASSACHUSETTS**



220 Concord Avenue, 2nd Floor
Cambridge, MA 02138
617.714.5537
www.interfluve.com

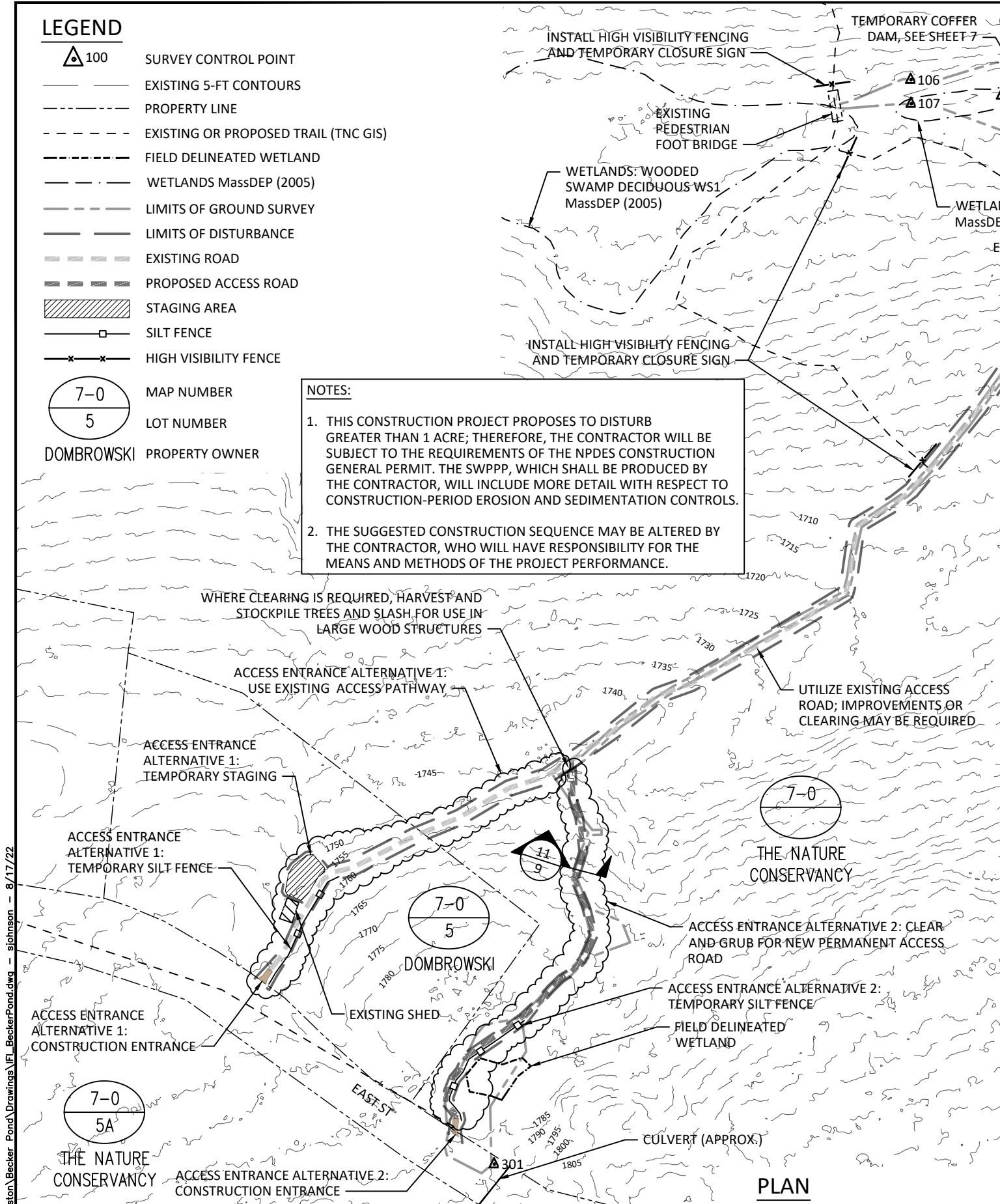
**EXISTING CONDITIONS,
OWNERSHIP, AND
SURVEY CONTROL**

LEGEND

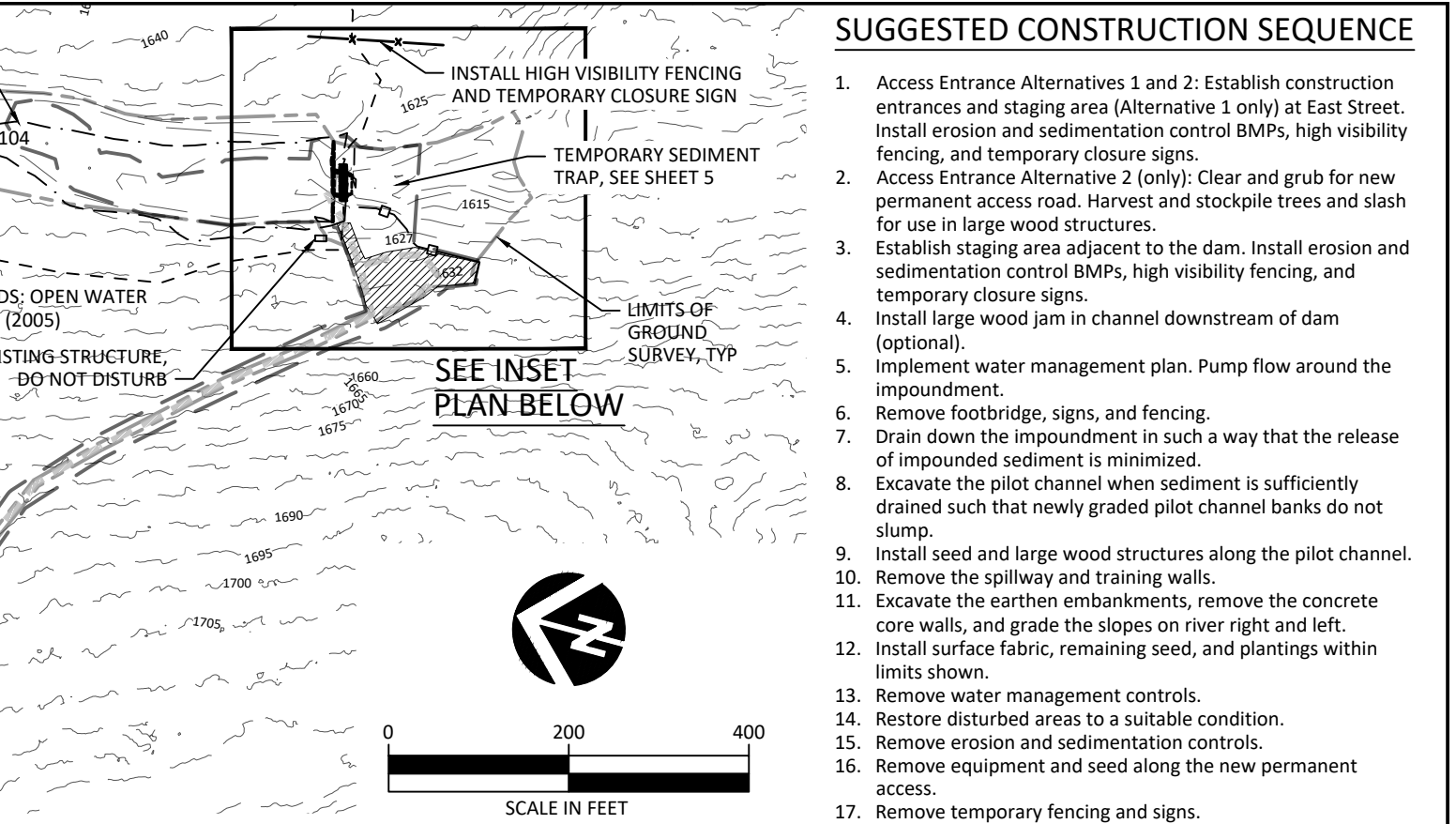
- SURVEY CONTROL POINT
 - EXISTING 5-FT CONTOURS
 - PROPERTY LINE
 - EXISTING OR PROPOSED TRAIL (TNC GIS)
 - FIELD DELINEATED WETLAND
 - WETLANDS MassDEP (2005)
 - LIMITS OF GROUND SURVEY
 - LIMITS OF DISTURBANCE
 - EXISTING ROAD
 - PROPOSED ACCESS ROAD
 - STAGING AREA
 - SILT FENCE
 - HIGH VISIBILITY FENCE
- MAP NUMBER
 LOT NUMBER
DOMBROWSKI PROPERTY OWNER

NOTES:

1. THIS CONSTRUCTION PROJECT PROPOSES TO DISTURB GREATER THAN 1 ACRE; THEREFORE, THE CONTRACTOR WILL BE SUBJECT TO THE REQUIREMENTS OF THE NPDES CONSTRUCTION GENERAL PERMIT. THE SWPPP, WHICH SHALL BE PRODUCED BY THE CONTRACTOR, WILL INCLUDE MORE DETAIL WITH RESPECT TO CONSTRUCTION-PERIOD EROSION AND SEDIMENTATION CONTROLS.
2. THE SUGGESTED CONSTRUCTION SEQUENCE MAY BE ALTERED BY THE CONTRACTOR, WHO WILL HAVE RESPONSIBILITY FOR THE MEANS AND METHODS OF THE PROJECT PERFORMANCE.



PLAN



INSET PLAN

SUGGESTED CONSTRUCTION SEQUENCE

1. Access Entrance Alternatives 1 and 2: Establish construction entrances and staging area (Alternative 1 only) at East Street. Install erosion and sedimentation control BMPs, high visibility fencing, and temporary closure signs.
2. Access Entrance Alternative 2 (only): Clear and grub for new permanent access road. Harvest and stockpile trees and slash for use in large wood structures.
3. Establish staging area adjacent to the dam. Install erosion and sedimentation control BMPs, high visibility fencing, and temporary closure signs.
4. Install large wood jam in channel downstream of dam (optional).
5. Implement water management plan. Pump flow around the impoundment.
6. Remove footbridge, signs, and fencing.
7. Drain down the impoundment in such a way that the release of impounded sediment is minimized.
8. Excavate the pilot channel when sediment is sufficiently drained such that newly graded pilot channel banks do not slump.
9. Install seed and large wood structures along the pilot channel.
10. Remove the spillway and training walls.
11. Excavate the earthen embankments, remove the concrete core walls, and grade the slopes on river right and left.
12. Install surface fabric, remaining seed, and plantings within limits shown.
13. Remove water management controls.
14. Restore disturbed areas to a suitable condition.
15. Remove erosion and sedimentation controls.
16. Remove equipment and seed along the new permanent access.
17. Remove temporary fencing and signs.

- LEGEND**
- SURVEY CONTROL POINT
 - EXISTING 1-FT CONTOURS
 - EXISTING 5-FT CONTOURS
 - WETLANDS MassDEP (2005)
 - LIMITS OF GROUND SURVEY
 - LIMITS OF DISTURBANCE
 - EXISTING ROAD
 - STAGING AREA
 - SILT FENCE
 - HIGH VISIBILITY FENCE
 - EXISTING OR PROPOSED TRAIL (TNC GIS)

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






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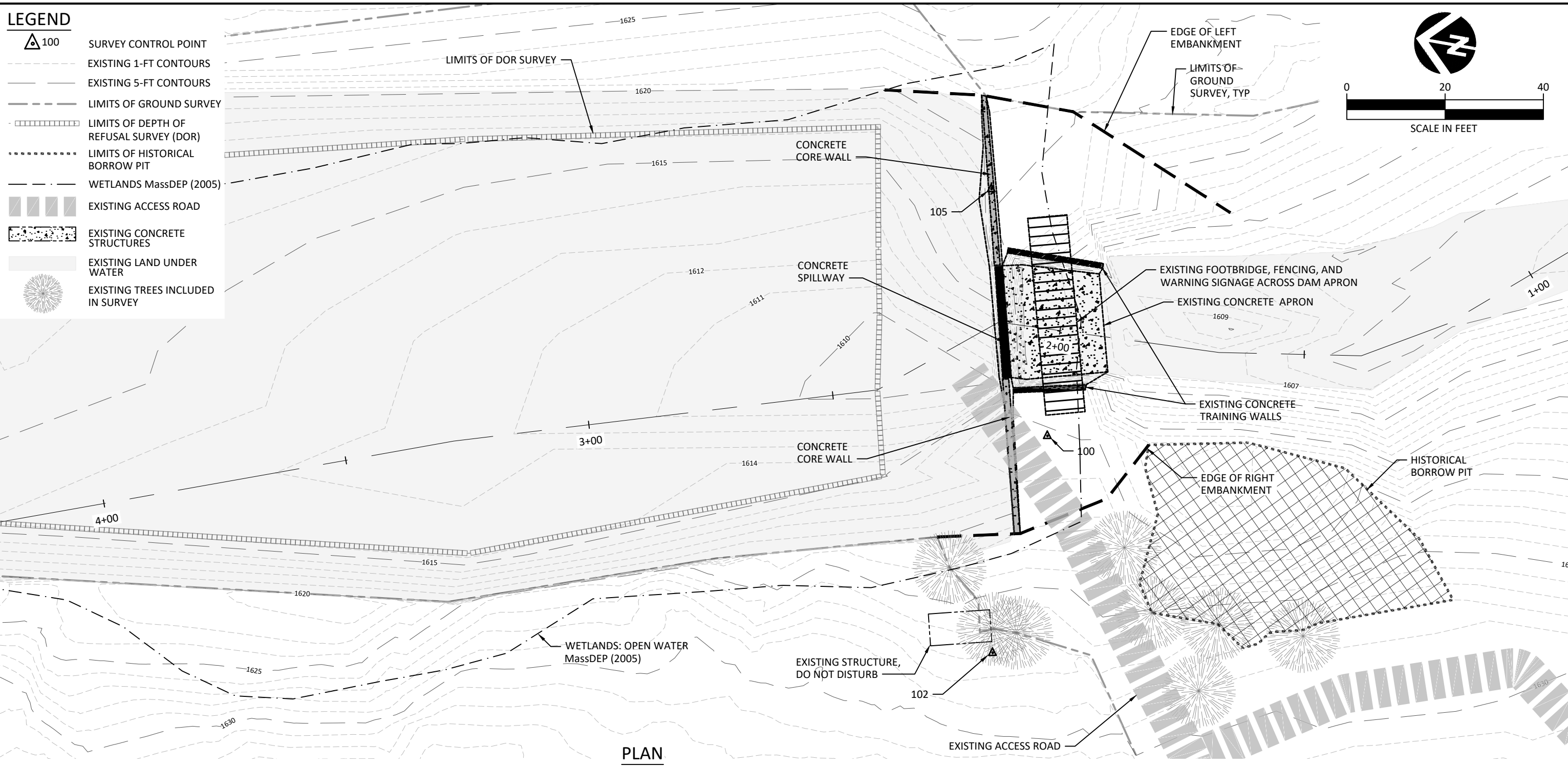
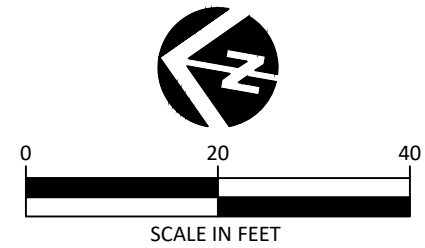
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BECKER POND DAM REMOVAL
THE NATURE CONSERVANCY
BERKSHIRE COUNTY, MASSACHUSETTS

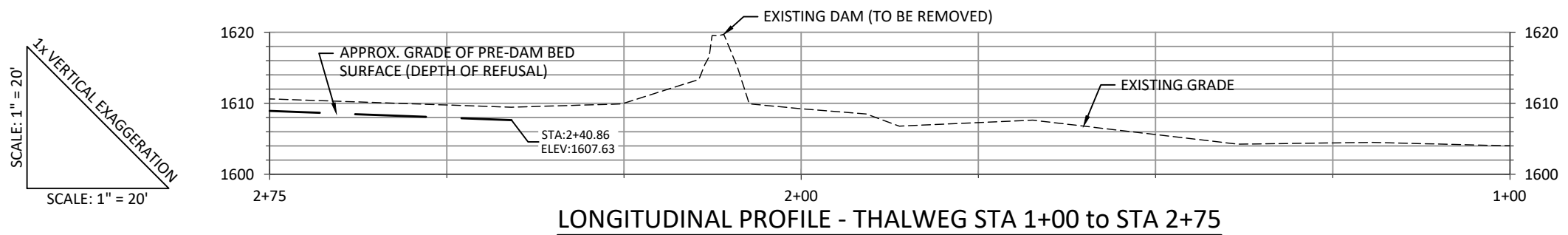
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LEGEND

-  SURVEY CONTROL POINT
-  EXISTING 1-FT CONTOURS
-  EXISTING 5-FT CONTOURS
-  LIMITS OF GROUND SURVEY
-  LIMITS OF DEPTH OF REFUSAL SURVEY (DOR)
-  LIMITS OF HISTORICAL BORROW PIT
-  WETLANDS MassDEP (2005)
-  EXISTING ACCESS ROAD
-  EXISTING CONCRETE STRUCTURES
-  EXISTING LAND UNDER WATER
-  EXISTING TREES INCLUDED IN SURVEY



PLAN



LONGITUDINAL PROFILE - THALWEG STA 1+00 to STA 2+75

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
**BECKER POND DAM REMOVAL
THE NATURE CONSERVANCY
BERKSHIRE COUNTY, MASSACHUSETTS**

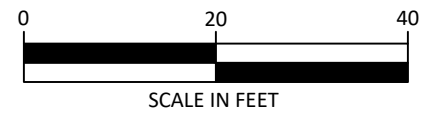
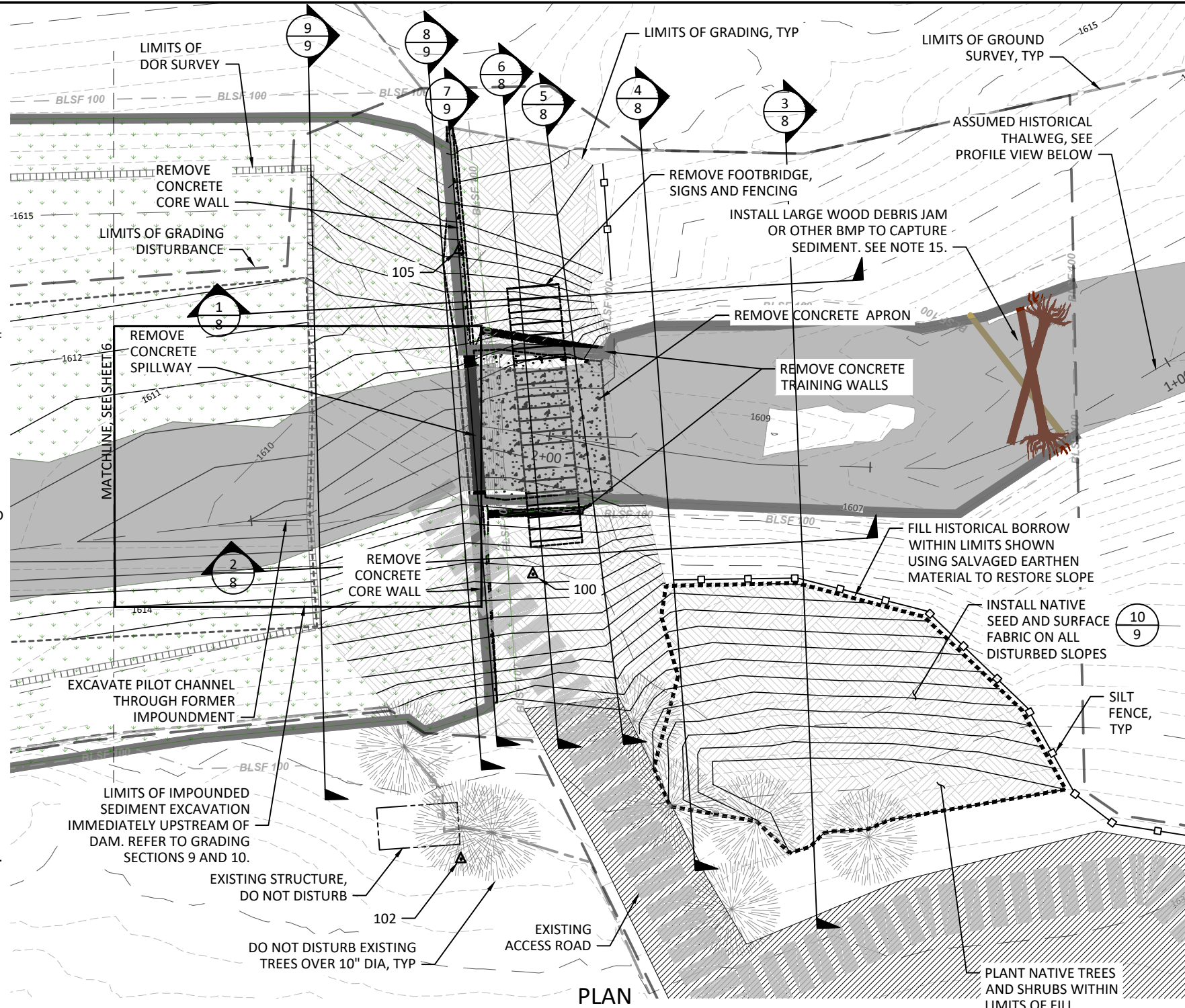


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
EXISTING CONDITIONS

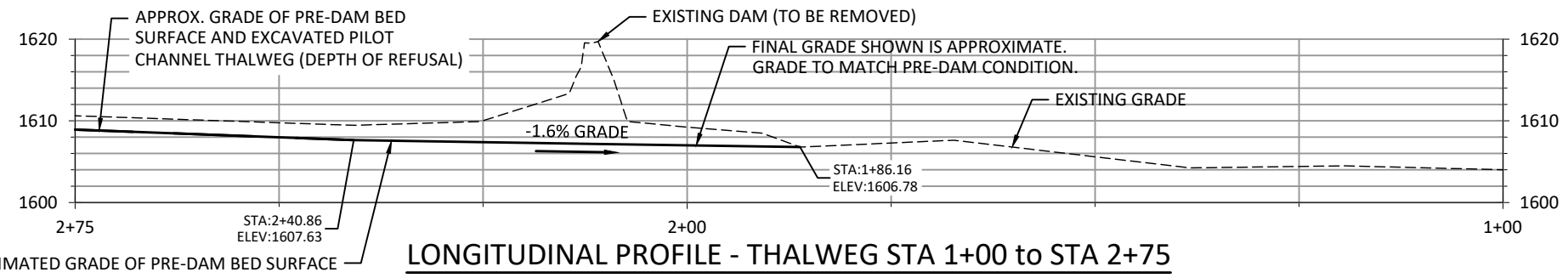
NOTES:

- REMOVE FULL LATERAL AND VERTICAL EXTENTS OF THE FOLLOWING DAM COMPONENTS: CONCRETE CORE WALL, CONCRETE TRAINING WALLS, CONCRETE APRON, AND ALL ASSOCIATED APPURTENANCE. DISPOSE OF CONCRETE OFF SITE.
- THE FULL LATERAL AND VERTICAL EXTENTS OF SUBSURFACE FEATURES INCLUDING THE CONCRETE CORE WALL ARE NOT KNOWN AT THIS TIME.
- REMOVE THE EARTHEN EMBANKMENT AS SHOWN IN THE PROPOSED GRADING.
- REUSE SALVAGED EARTHEN MATERIAL ON-SITE. FILL HISTORICAL BORROW PIT, IDENTIFIED ON THIS PLAN.
- GRADE BANKS AND CHANNEL AS SHOWN FROM DOWNSTREAM LIMIT OF DISTURBANCE TO STATION 1+83, SEE 
- FOR PILOT CHANNEL GRADING, EXCAVATE PILOT CHANNEL WITHIN LIMIT OF DISTURBANCE. PILOT EXCAVATION SHOULD BE FROM THE DEPTH OF REFUSAL AT THE ASSUMED THALWEG, WITH SIDE SLOPES AT APPROXIMATELY 2:1 TO EXISTING BED AND A MAXIMUM TOP WIDTH OF APPROXIMATELY 23 FEET UNLESS OTHERWISE SHOWN. IF HISTORIC NATIVE CHANNEL MATERIAL IS ENCOUNTERED, IT SHALL REMAIN IN PLACE.
- DISPOSE OF EXCAVATED IMPOUNDED SEDIMENT OFF SITE.
- REMOVE AND DISPOSE OFF-SITE THE EXISTING FOOT BRIDGE, SIGNS, AND FENCING.
- REFER TO SPECIFICATIONS FOR FILL REQUIREMENTS INCLUDING THE PREPARATION OF THE EXISTING SURFACE.
- STAKE AND FLAG THE LIMIT OF DISTURBANCE FOR VISUAL IDENTIFICATION IN THE FIELD.
- TREES AND SLASH FOR LARGE WOOD STRUCTURES SHALL BE HARVESTED FROM WITHIN THE LIMITS OF DISTURBANCE.
- PLAN AND CONDUCT EXCAVATION AND DEMOLITION OPERATIONS IN SUCH A WAY THAT THE RELEASE OF IMPOUNDED SEDIMENT IS MINIMIZED.
- COMPLETE EARTHWORK IN CONDITIONS FREE OF ACTIVELY FLOWING WATER. METHODS OF DIVERTING AND DEWATERING SHALL BE SUBMITTED PRIOR TO THE START OF WORK. REFER TO SPECIFICATIONS.
- NO FIELD BANK DELINEATION WAS CONDUCTED AS PART OF THIS WORK. BANK ILLUSTRATED ON SHEET 12 IS BASED ON THE EDGE OF THE IMPOUNDMENT OR HYDRAULIC MODELING RESULTS.
- CONTRACTOR IS RESPONSIBLE FOR FILING AN NOI FOR A NPDES CONSTRUCTION GENERAL PERMIT (CGP) AND PREPARING AND IMPLEMENTING A SWPPP. ALL BMPs INSTALLED IN PERFORMANCE OF THE SWPPP MUST BE CONSTRUCTED, MONITORED, AND MAINTAINED TO INSURE COMPLIANCE WITH THE CGP DURING THE PERIOD OF CONSTRUCTION AND MUST BE CLEANED AND DEMOLISHED IN ACCORDANCE WITH THE APPROVED SWPPP.
- BMPs SUITED FOR APPLICATIONS IN RURAL AREAS, SUCH AS HAY BALE DIKES AND OTHER LOW-IMPACT FEATURES CAN BE FOUND IN THE REFERENCE DOCUMENT "MASSACHUSETTS UNPAVED ROADS BMP MANUAL" PREPARED BY BERKSHIRE REGIONAL PLANNING COMMISSION.
- ECOLOGICAL RESTORATION VIA DAM REMOVAL IS SUBJECT TO THE CONDITIONS OF 310 CMR 14 (1) AND (2).



LEGEND

- EXISTING 1-FT CONTOURS
- EXISTING 5-FT CONTOURS
- LIMITS OF GROUND SURVEY
- LIMITS OF DEPTH OF REFUSAL SURVEY (DOR)
- LIMITS OF DISTURBANCE
- ESTIMATED LIMIT OF GRADING
- EXISTING ACCESS ROAD
- TEMPORARY STAGING AND STOCKPILE AREA
- EXISTING CONCRETE STRUCTURES
- ANTICIPATED LAND UNDER WATER AFTER DAM REMOVAL
- EXISTING TREES
- PROPOSED 1-FT CONTOURS
- PROPOSED SURFACE FABRIC INSTALLATION 
- TEMPORARY SILT FENCE
- APPROXIMATE FILL AREA BOUNDARY
- NATIVE SEED APPLICATION
- ORDINARY HIGH WATER (EXISTING CONDITIONS)
- BORDERING LAND SUBJECT TO FLOODING (BLSF-EXISTING CONDITIONS)



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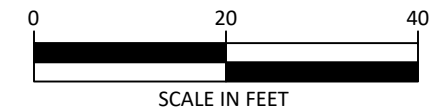
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BECKER POND DAM REMOVAL
THE NATURE CONSERVANCY
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DAM REMOVAL PLAN AND
PROFILE STA 1+50 TO STA 2+75



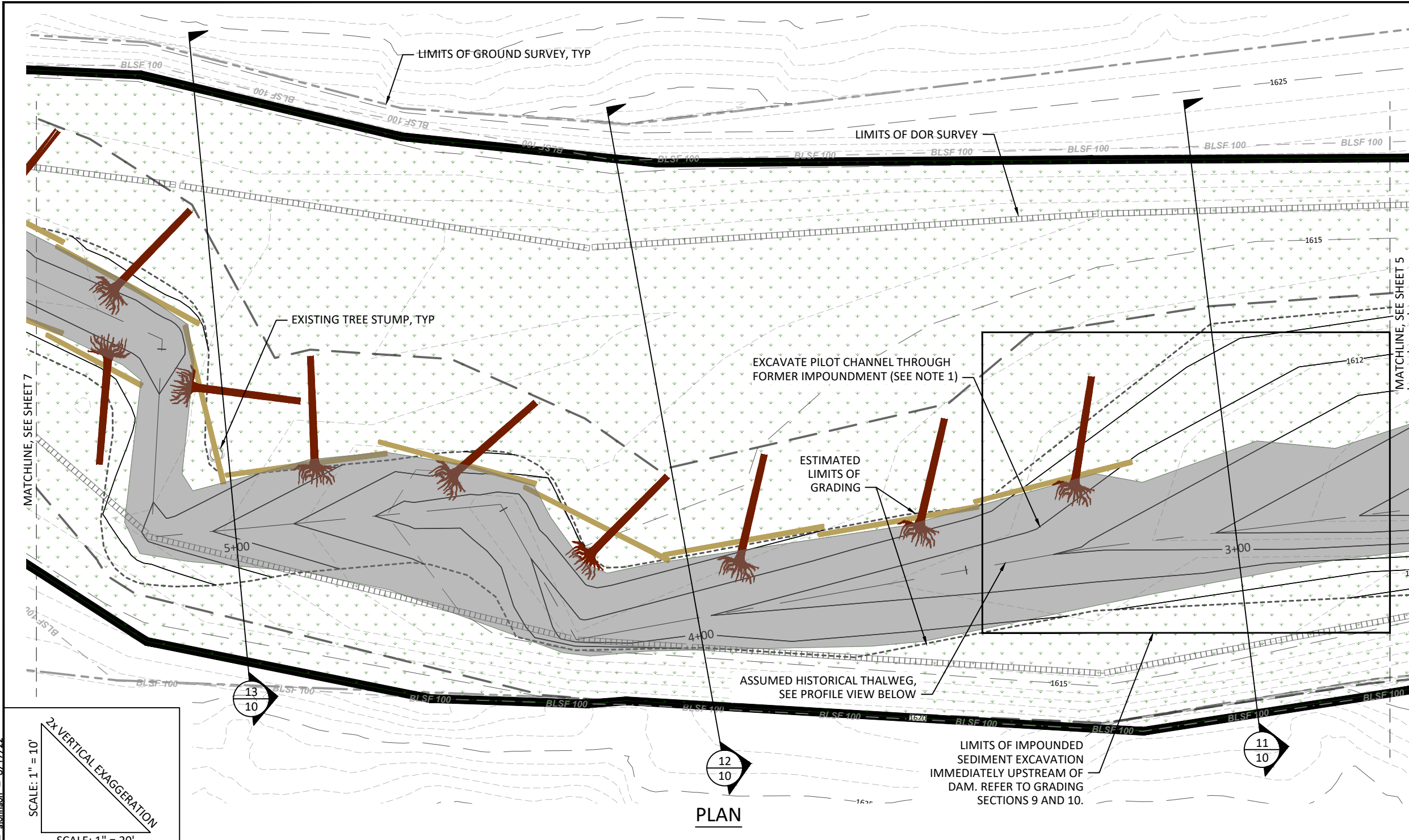
LEGEND

- EXISTING 1-FT CONTOURS
- EXISTING 5-FT CONTOURS
- ORDINARY HIGH WATER (EXISTING CONDITIONS)
- BLSF 100 BORDERING LAND SUBJECT TO FLOODING (BLSF EXISTING CONDITIONS)
- PROPOSED 1-FT CONTOURS
- LIMITS OF GROUND SURVEY
- LIMITS OF DISTURBANCE
- ESTIMATED LIMIT OF GRADING
- LIMITS OF DEPTH OF REFUSAL SURVEY (DOR)
- ANTICIPATED LAND UNDER WATER AFTER DAM REMOVAL
- NATIVE SEED APPLICATION
- LARGE WOOD STRUCTURE

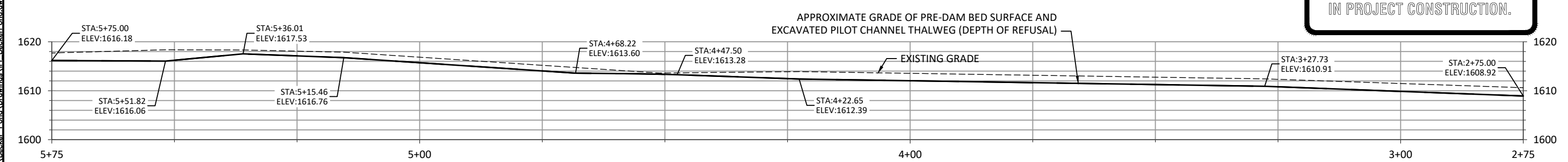
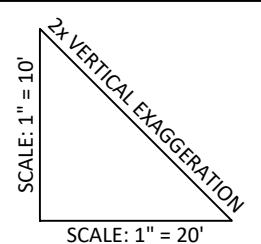
NOTES:

1. FOR PILOT CHANNEL GRADING, EXCAVATE PILOT CHANNEL WITHIN LIMIT OF DISTURBANCE. EXCAVATION SHOULD BE FROM THE DEPTH OF REFUSAL AT THE ASSUMED THALWEG, WITH SIDE SLOPES AT APPROXIMATELY 1:1 TO EXISTING BED WITH A MAXIMUM TOP WIDTH OF 23 FEET UNLESS OTHERWISE SHOWN. IF HISTORIC NATIVE CHANNEL MATERIAL IS ENCOUNTERED, IT SHALL REMAIN IN PLACE.
2. STAKE AND FLAG LIMIT OF DISTURBANCE FOR VISUAL IDENTIFICATION IN THE FIELD.

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PLAN



LONGITUDINAL PROFILE - THALWEG STA 2+75 TO STA 5+75

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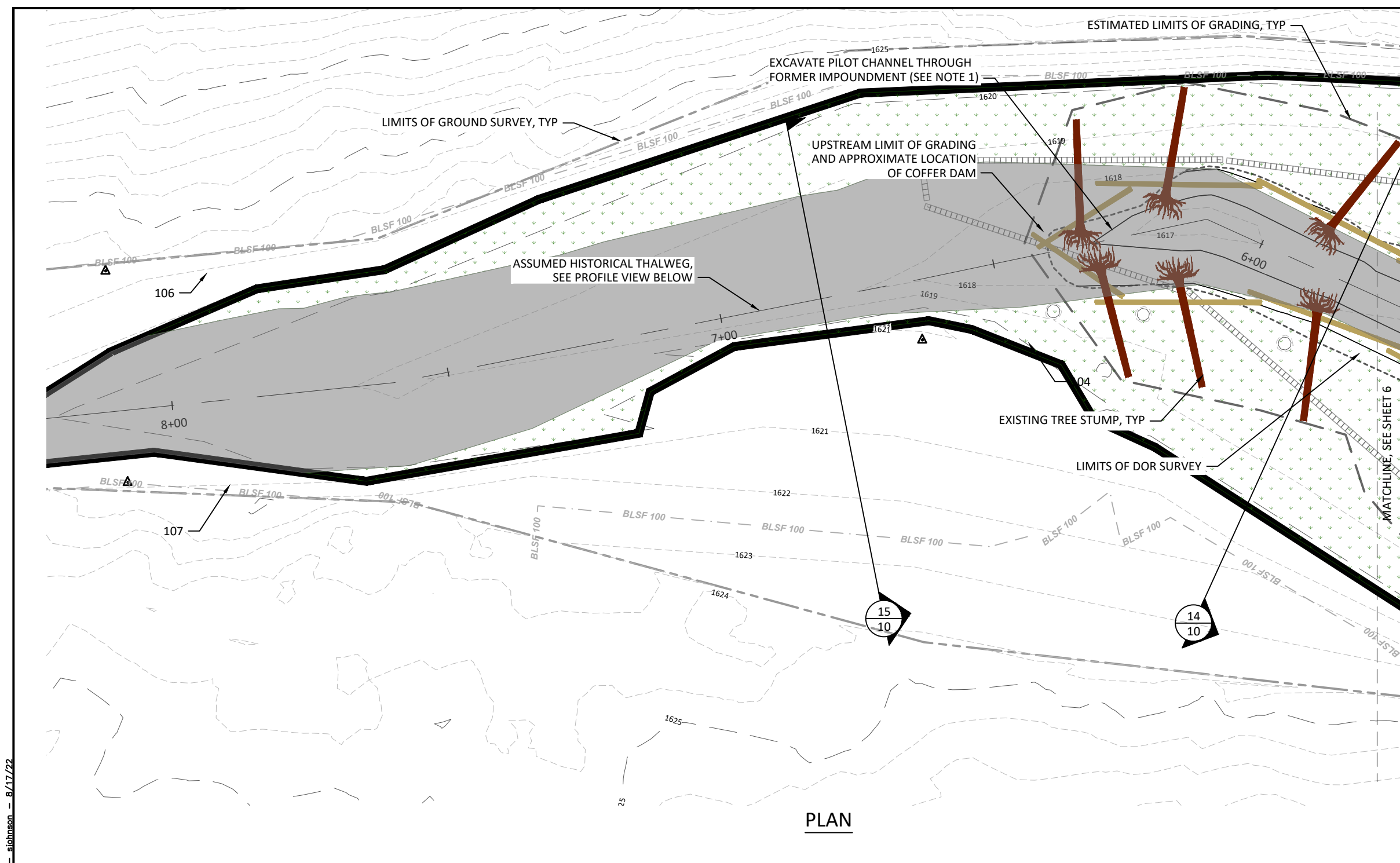
NO.	BY	DATE	REVISION DESCRIPTION

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APPROVED	DATE	PROJECT

BECKER POND DAM REMOVAL
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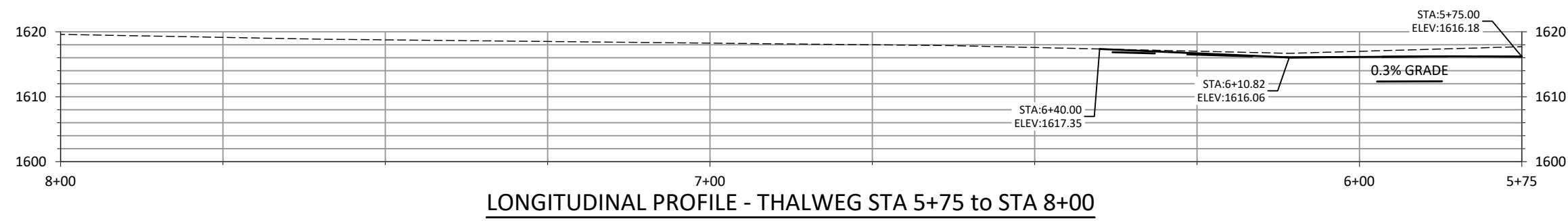


LEGEND

- - - - - EXISTING 1-FT CONTOURS
- - - - - EXISTING 5-FT CONTOURS
- ORDINARY HIGH WATER (EXISTING CONDITIONS)
- - - - - BLSF 100
- - - - - BORDERING LAND SUBJECT TO FLOODING (BLSF EXISTING CONDITIONS)
- PROPOSED 1-FT CONTOURS
- - - - - LIMITS OF GROUND SURVEY
- - - - - LIMITS OF DEPTH OF REFUSAL SURVEY (DOR)
- - - - - LIMITS OF DISTURBANCE
- - - - - ESTIMATED LIMIT OF GRADING
- ANTICIPATED LAND UNDER WATER AFTER DAM REMOVAL
- NATIVE SEED APPLICATION
- ✂ LARGE WOOD STRUCTURE

- NOTES:**
- FOR PILOT CHANNEL GRADING, EXCAVATE PILOT CHANNEL WITHIN LIMIT OF DISTURBANCE. EXCAVATION SHOULD BE FROM THE DEPTH OF REFUSAL AT THE ASSUMED THALWEG, WITH SIDE SLOPES AT APPROXIMATELY 2:1 TO EXISTING BED WITH A MAXIMUM TOP WIDTH OF 23 FEET. IF HISTORIC NATIVE CHANNEL MATERIAL IS ENCOUNTERED, IT SHALL REMAIN IN PLACE.
 - STAKE AND FLAG LIMIT OF DISTURBANCE FOR VISUAL IDENTIFICATION IN THE FIELD.

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SCALE: 1" = 20'
 2x VERTICAL EXAGGERATION
 SCALE: 1" = 10'

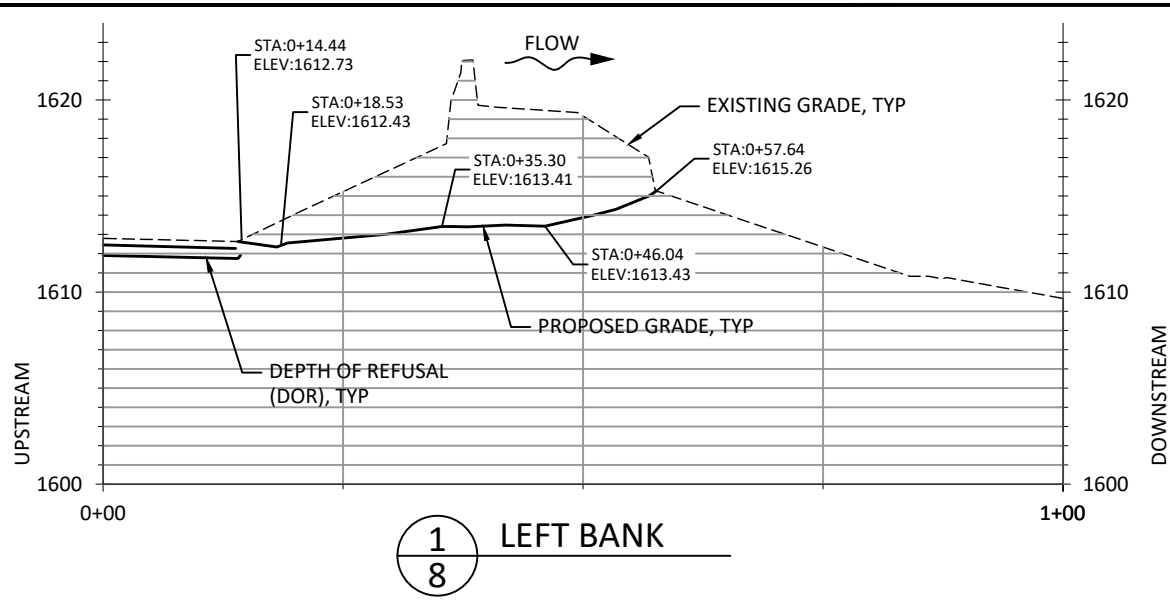
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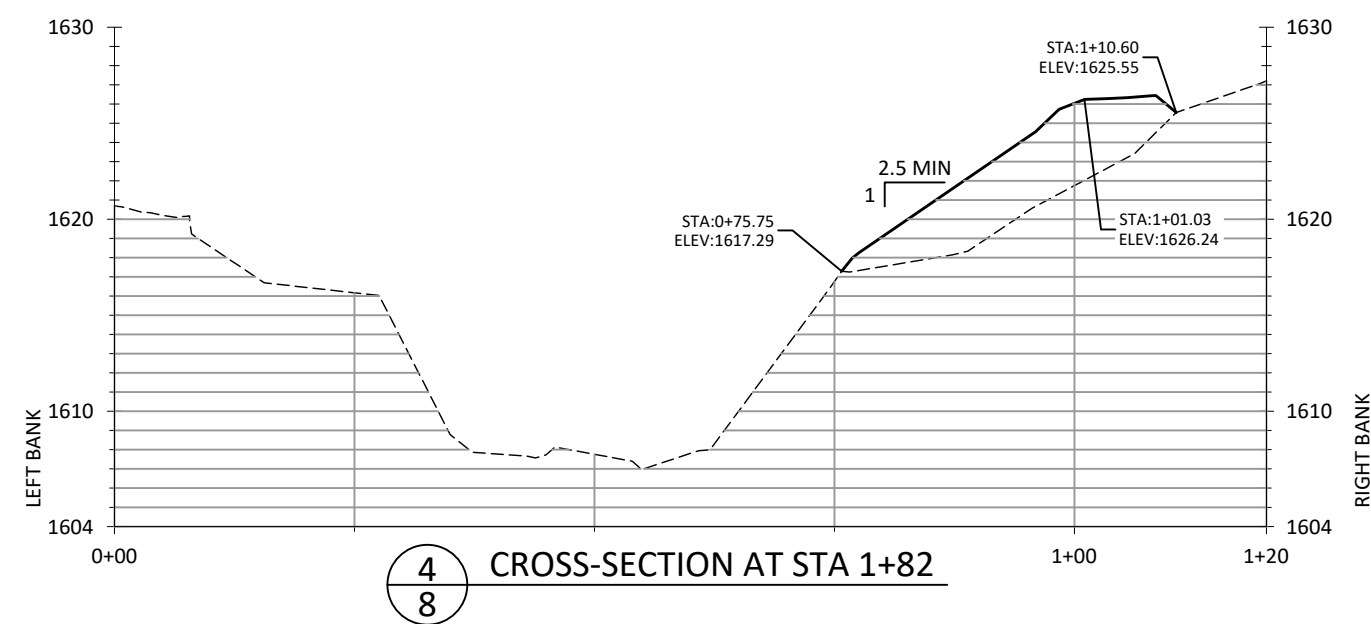
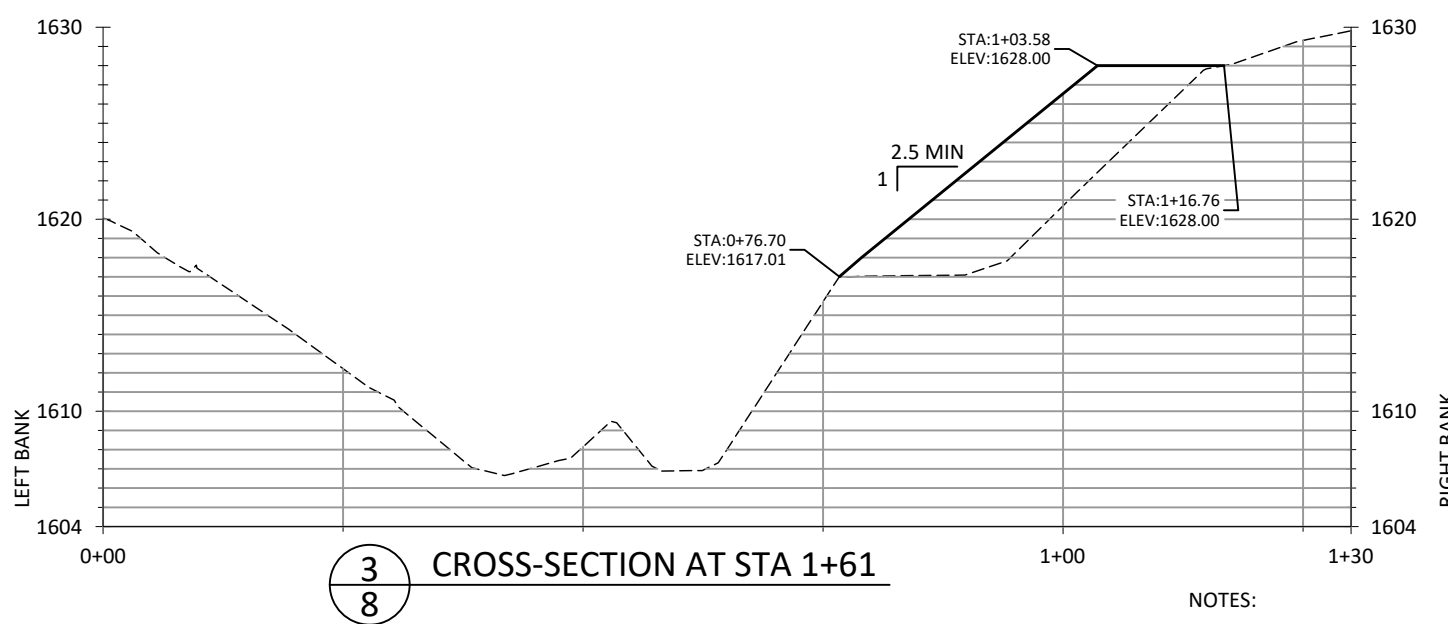
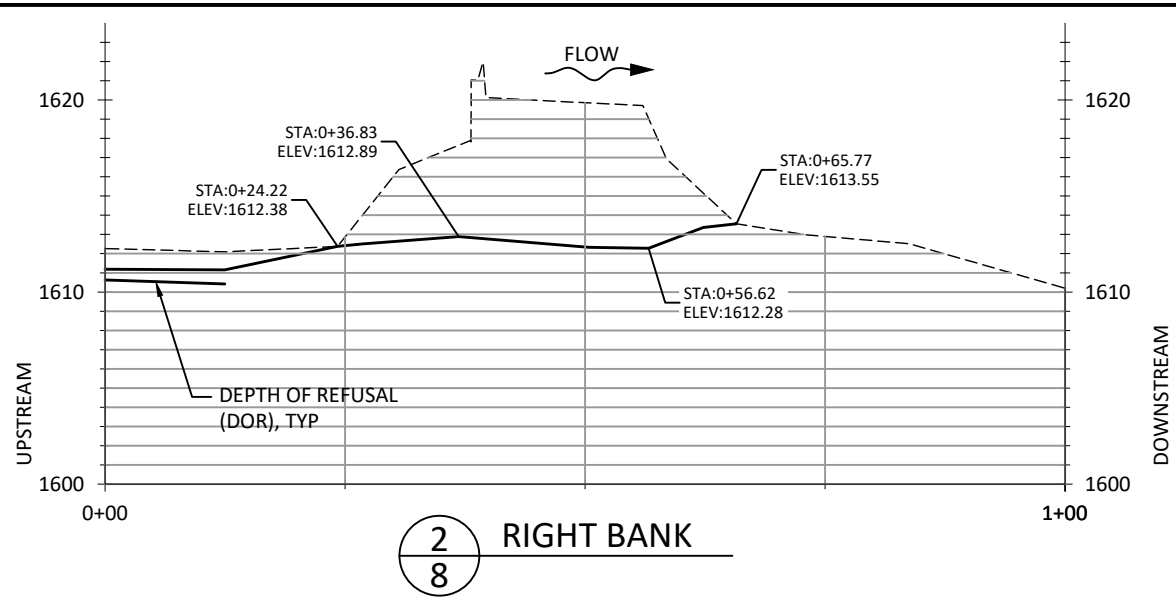
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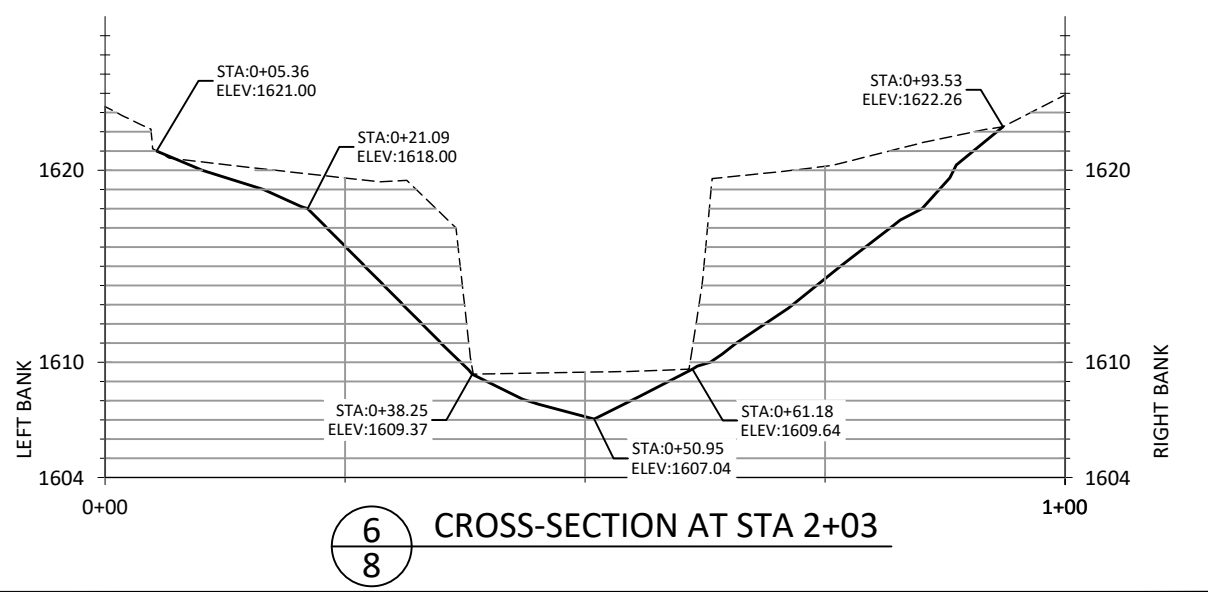
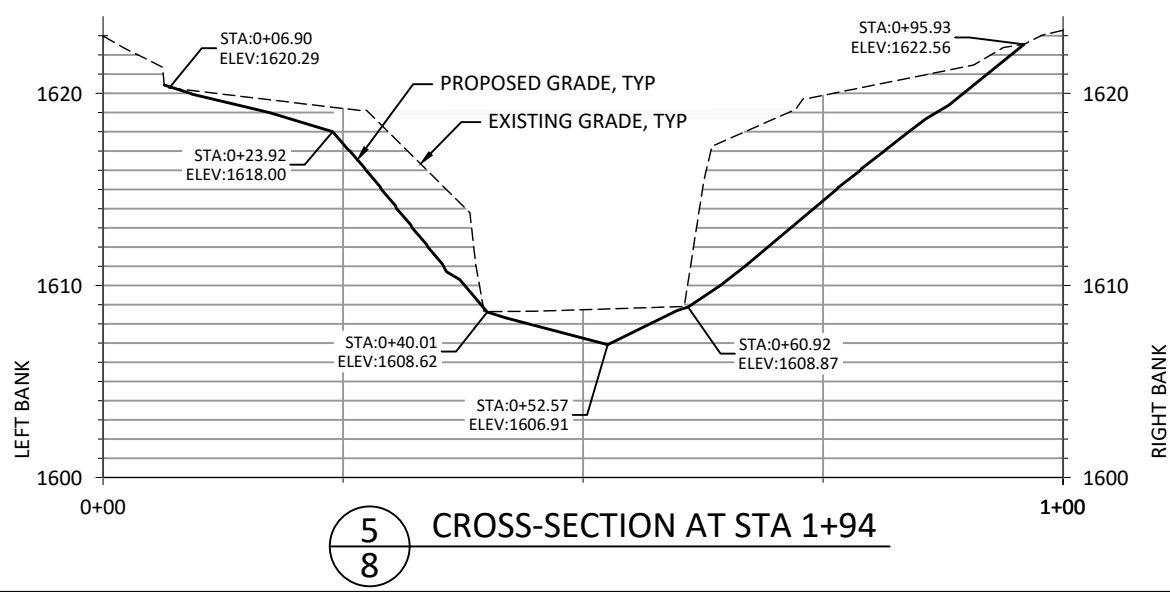


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NOTES:

1. SECTIONS ARE ORIENTED LEFT TO RIGHT FACING DOWNSTREAM.
2. THE MAXIMUM SLOPE IN FILL AREAS SHALL BE 2.5:1.
3. THE PROPOSED CUT SLOPES PRESENTED ON THESE SECTIONS REPRESENT OUR BEST ESTIMATES OF THE PRE-DAM RIVER CHANNEL GEOMETRY.
4. THE PROPOSED CUT-SLOPES ARE NOT INTENDED TO BE PRESCRIPTIVE. THE INTENT OF EXCAVATION ACTIVITIES IS TO REMOVE FILL MATERIAL OR IMPOUNDED SEDIMENT THAT IS ON TOP OF THE HISTORIC NATIVE MATERIAL, WHICH IS LIKELY TO CONSIST OF COBBLES, BOULDERS, AND ROCK. IF HISTORIC NATIVE MATERIAL IS ENCOUNTERED ABOVE THE PROPOSED GRADE, IT SHALL REMAIN IN PLACE. IF HISTORIC NATIVE MATERIAL IS NOT ENCOUNTERED AT THE PROPOSED GRADE, NO FURTHER EXCAVATION IS REQUESTED.
5. THE PROPOSED CUT-SLOPES MAY BE USED TO ESTIMATE THE VOLUME OF SALVAGED MATERIAL THAT WILL NEED TO BE DISPOSED OF, EITHER IN DESIGNATED AREAS ON-SITE, OR AT OFF-SITE FACILITIES.



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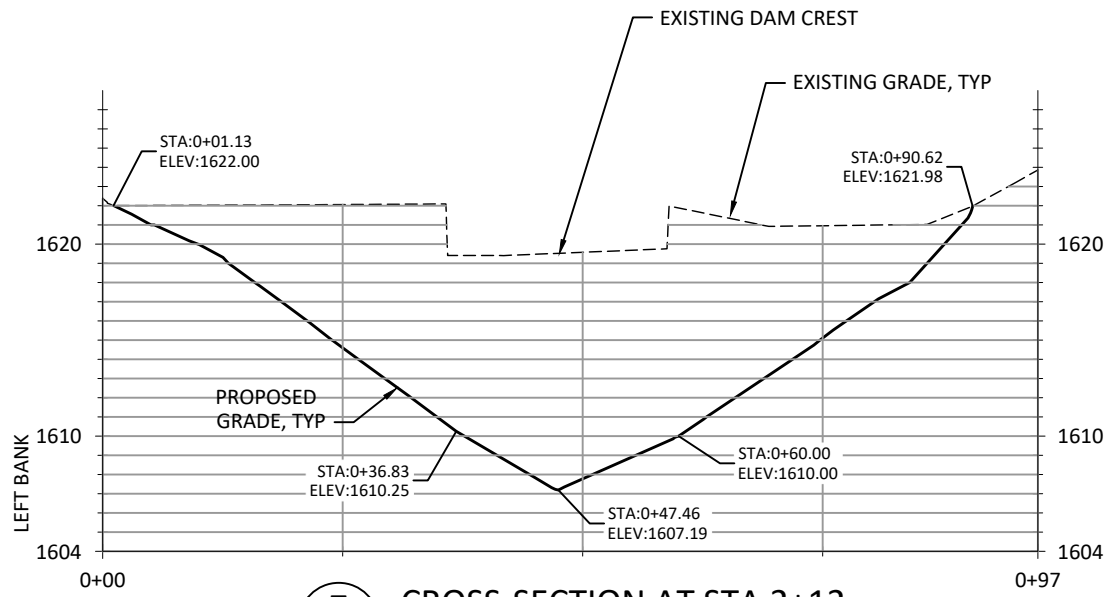
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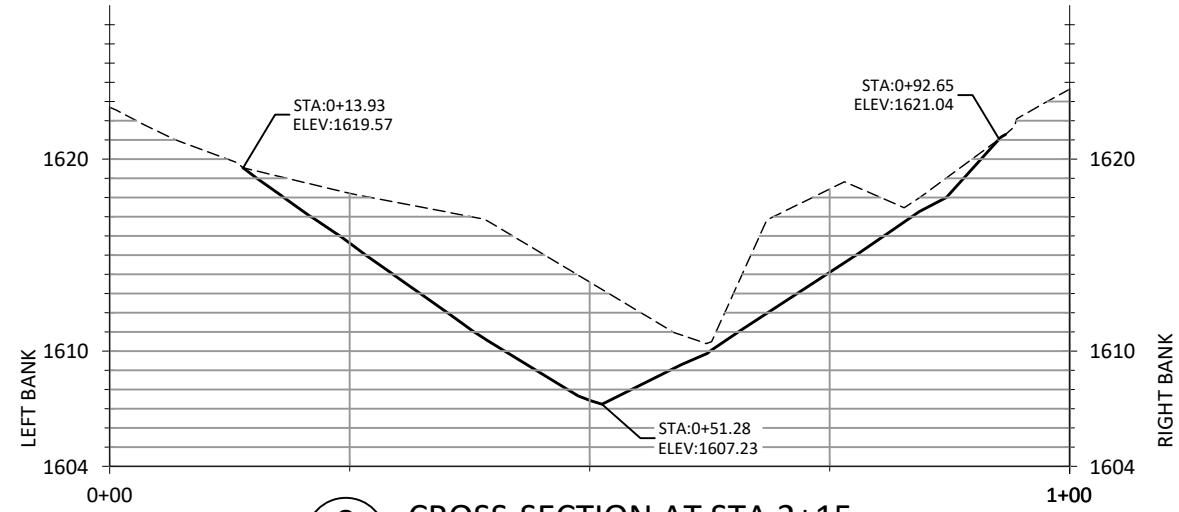
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DAM REMOVAL GRADING
CROSS SECTIONS



7
9 CROSS-SECTION AT STA 2+12



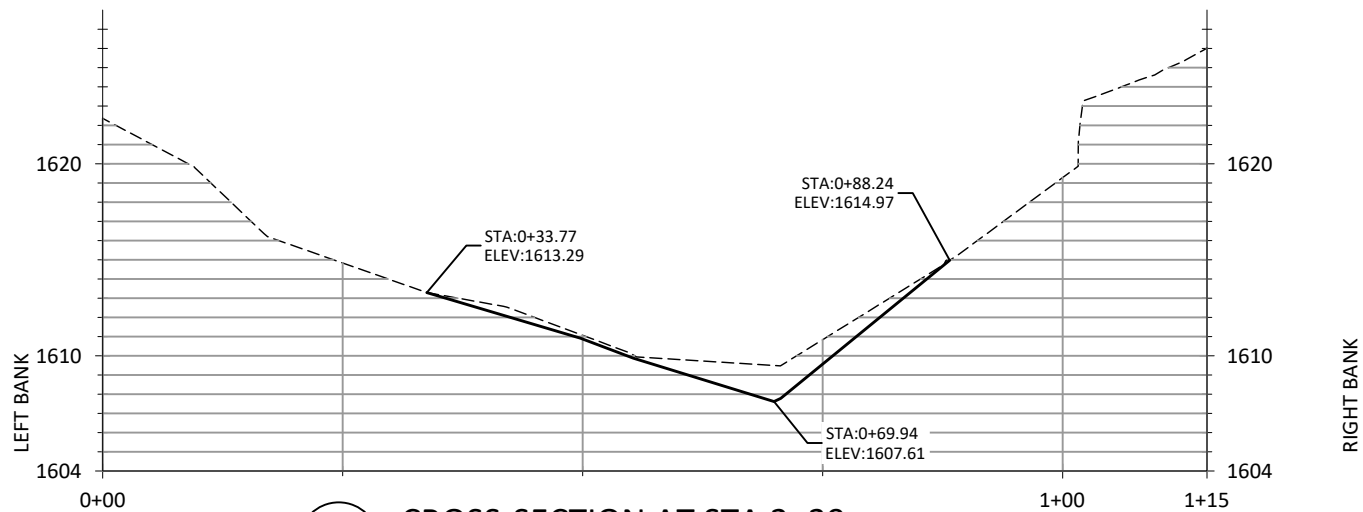
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9 CROSS-SECTION AT STA 2+15

NOTES:

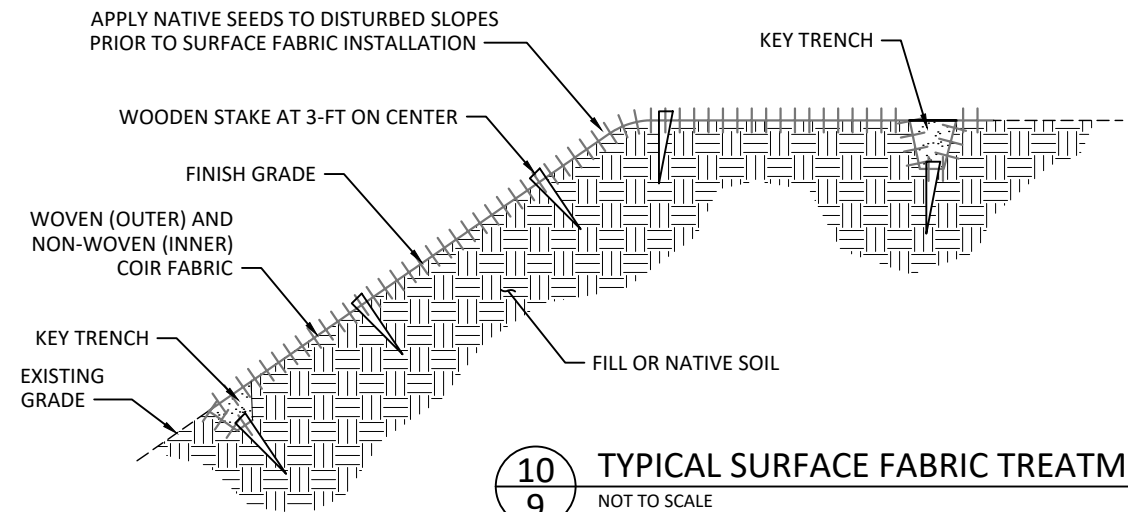
1. SECTIONS ARE ORIENTED LEFT TO RIGHT FACING DOWNSTREAM.
2. THE MAXIMUM SLOPE IN FILL AREAS SHALL BE 2.5:1.
3. THE PROPOSED CUT SLOPES PRESENTED ON THESE SECTIONS REPRESENT OUR BEST ESTIMATES OF THE PRE-DAM RIVER CHANNEL GEOMETRY.
4. THE PROPOSED CUT-SLOPES ARE NOT INTENDED TO BE PRESCRIPTIVE. THE INTENT OF EXCAVATION ACTIVITIES IS TO REMOVE FILL MATERIAL THAT HAS BEEN PLACED ON TOP OF THE HISTORIC NATIVE MATERIAL, WHICH IS LIKELY TO CONSIST OF COBBLES, BOULDERS, AND ROCK. IF HISTORIC NATIVE MATERIAL IS ENCOUNTERED ABOVE THE PROPOSED GRADE, IT SHALL REMAIN IN PLACE. IF HISTORIC NATIVE MATERIAL IS NOT ENCOUNTERED AT THE PROPOSED GRADE, NO FURTHER EXCAVATION IS REQUESTED.
5. THE PROPOSED CUT-SLOPES MAY BE USED TO ESTIMATE THE VOLUME OF SALVAGE MATERIAL THAT WILL NEED TO BE DISPOSED OF, EITHER IN DESIGNATED AREAS ON-SITE, OR AT OFF-SITE FACILITIES.

SCALE: 1" = 10'
2X VERTICAL EXAGGERATION
SCALE: 1" = 20'

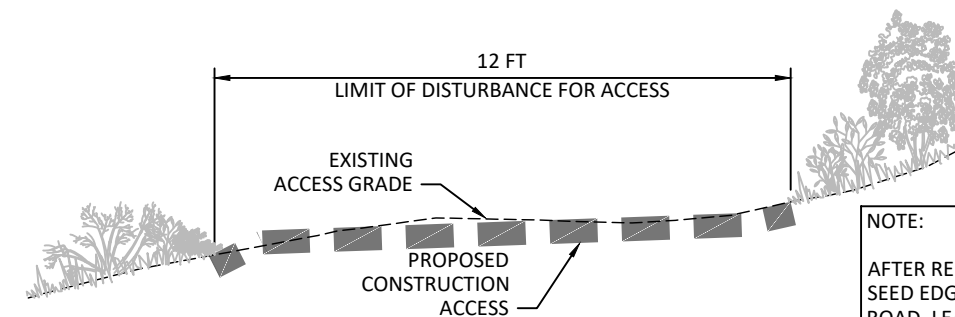
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9
9 CROSS-SECTION AT STA 2+39



10
9 TYPICAL SURFACE FABRIC TREATMENT
NOT TO SCALE



NOTE:
AFTER REMOVING EQUIPMENT FROM SITE, SEED EDGES OF NEWLY CONSTRUCTED ACCESS ROAD, LEAVING FOUR FEET IN THE CENTER CLEAR FOR PERMANENT PEDESTRIAN USE.

11
9 TYPICAL NEW ACCESS ROAD CROSS-SECTION
NOT TO SCALE

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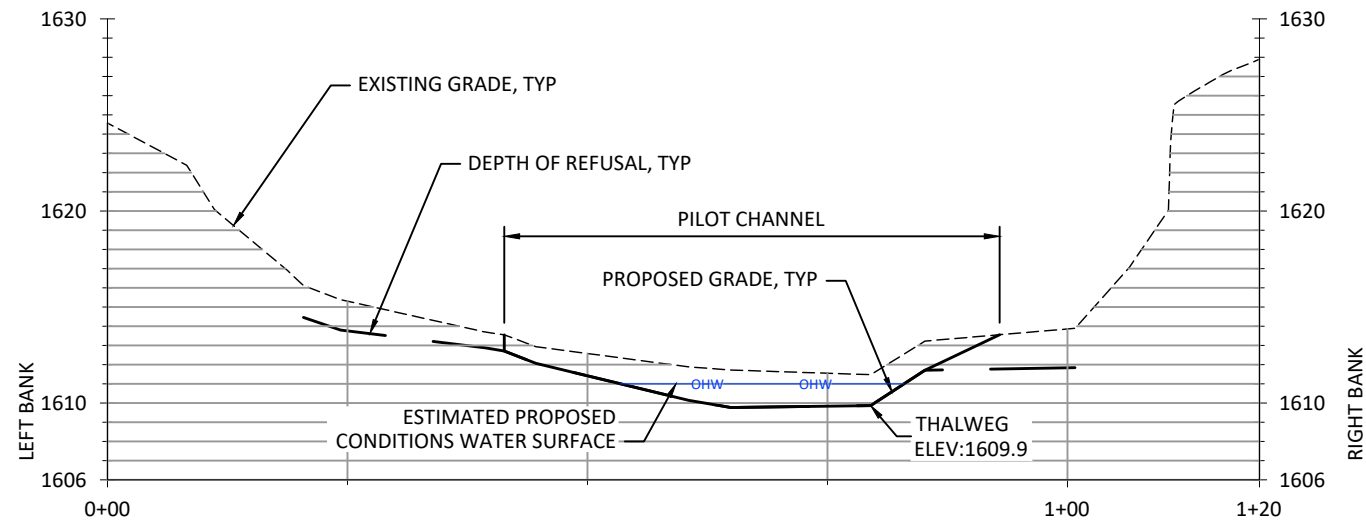
BECKER POND DAM REMOVAL
THE NATURE CONSERVANCY
BERKSHIRE COUNTY, MASSACHUSETTS



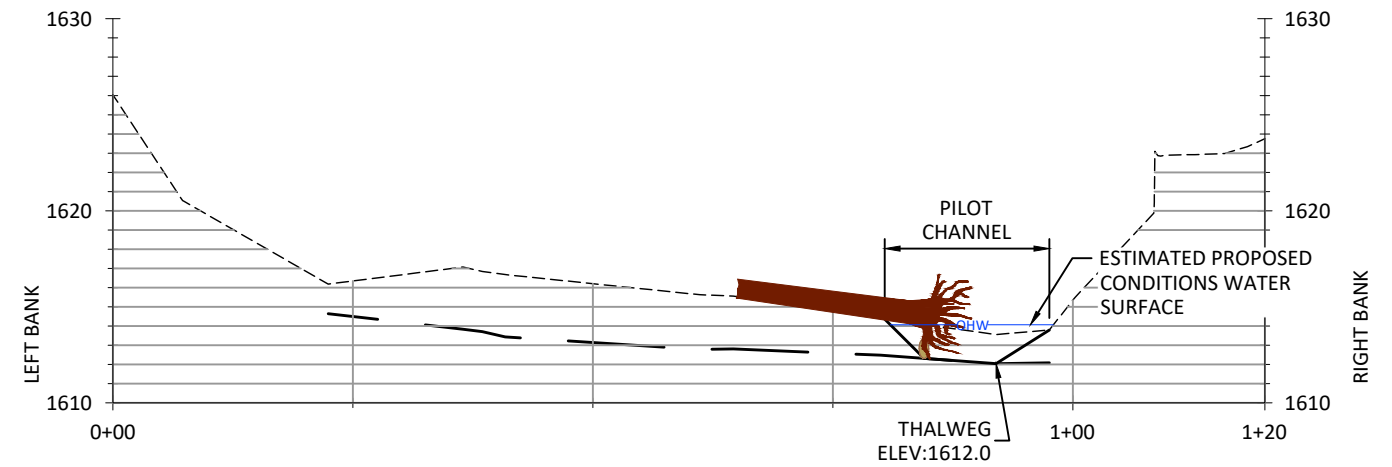
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DAM REMOVAL GRADING
CROSS SECTIONS AND DETAILS

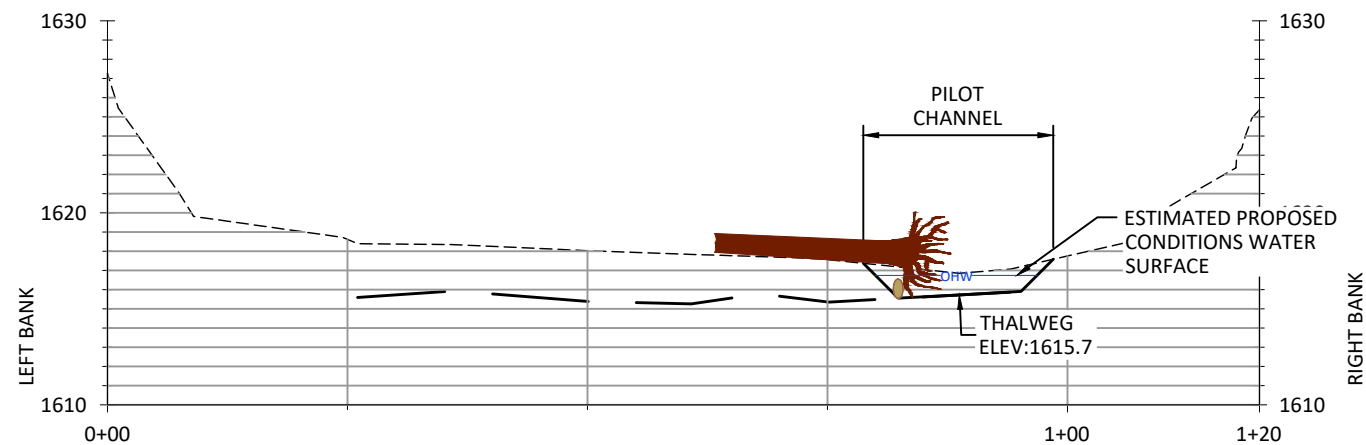
SHEET
9 OF 12



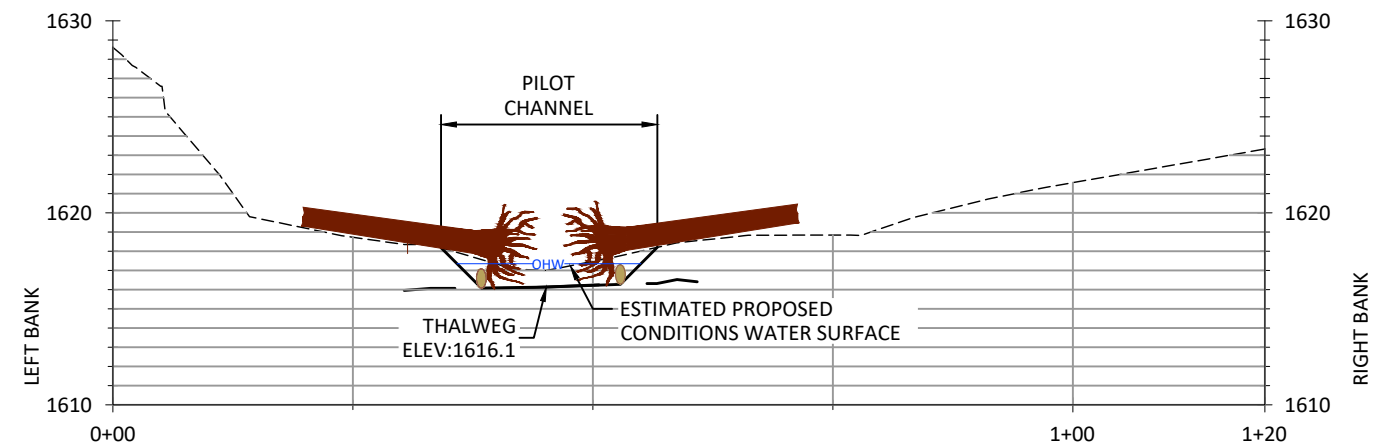
11 CROSS-SECTION AT STA 3+00
10



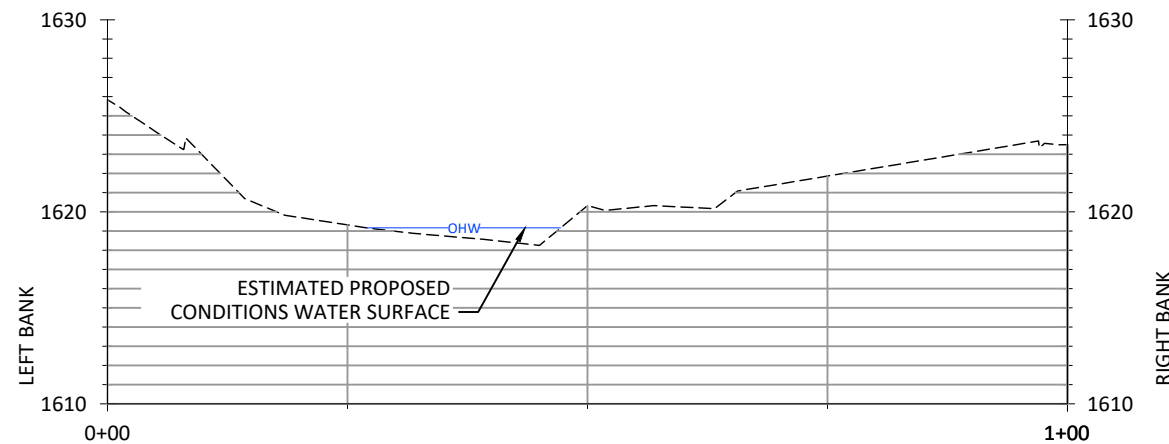
12 CROSS-SECTION AT STA 4+00
10



13 CROSS-SECTION AT STA 5+00
10



14 CROSS-SECTION AT STA 6+00
10



15 CROSS-SECTION AT STA 7+00
10

SCALE: 1" = 10'
2x VERTICAL EXAGGERATION
SCALE: 1" = 20'

NOTES:

1. SECTIONS ARE ORIENTED LEFT TO RIGHT FACING DOWNSTREAM.
2. THE PROPOSED CUT SLOPES PRESENTED ON THESE SECTIONS REPRESENT OUR BEST ESTIMATES OF THE PRE-DAM RIVER CHANNEL GEOMETRY.
3. THE PROPOSED CUT-SLOPES ARE NOT INTENDED TO BE PRESCRIPTIVE. THE INTENT OF EXCAVATION ACTIVITIES IS TO REMOVE IMPOUNDED MATERIAL THAT HAS BEEN DEPOSITED ON TOP OF THE HISTORIC NATIVE MATERIAL, WHICH IS LIKELY TO CONSIST OF COBBLES, BOULDERS, AND ROCK. IF HISTORIC NATIVE MATERIAL IS ENCOUNTERED ABOVE THE PROPOSED GRADE, IT SHALL REMAIN IN PLACE. IF HISTORIC NATIVE MATERIAL IS NOT ENCOUNTERED AT THE PROPOSED GRADE, NO FURTHER EXCAVATION IS REQUESTED.
4. THE PROPOSED CUT-SLOPES MAY BE USED TO ESTIMATE THE VOLUME OF SALVAGE MATERIAL THAT WILL NEED TO BE DISPOSED OF, EITHER IN DESIGNATED AREAS ON-SITE, OR AT OFF-SITE FACILITIES.
5. WATER SURFACE SHOWN ON SECTIONS IS THE ESTIMATED 2-YEAR FLOOD.

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BECKER POND DAM REMOVAL
THE NATURE CONSERVANCY
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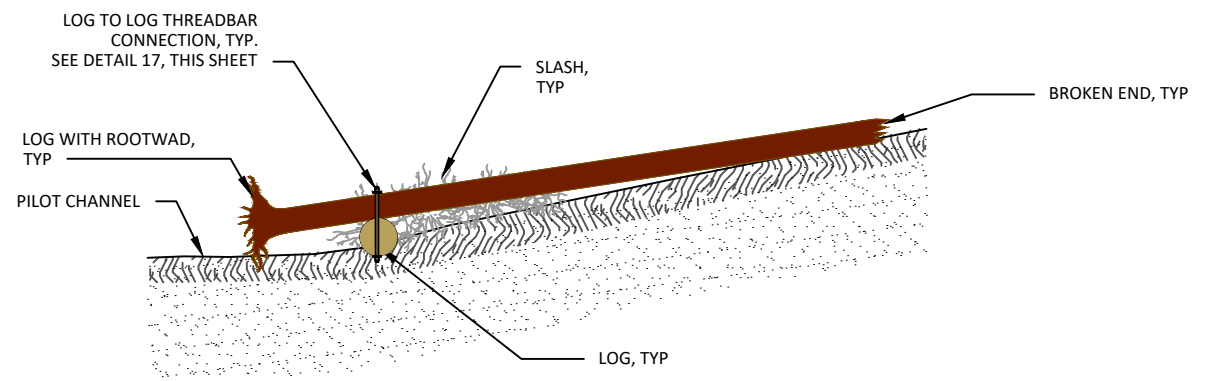


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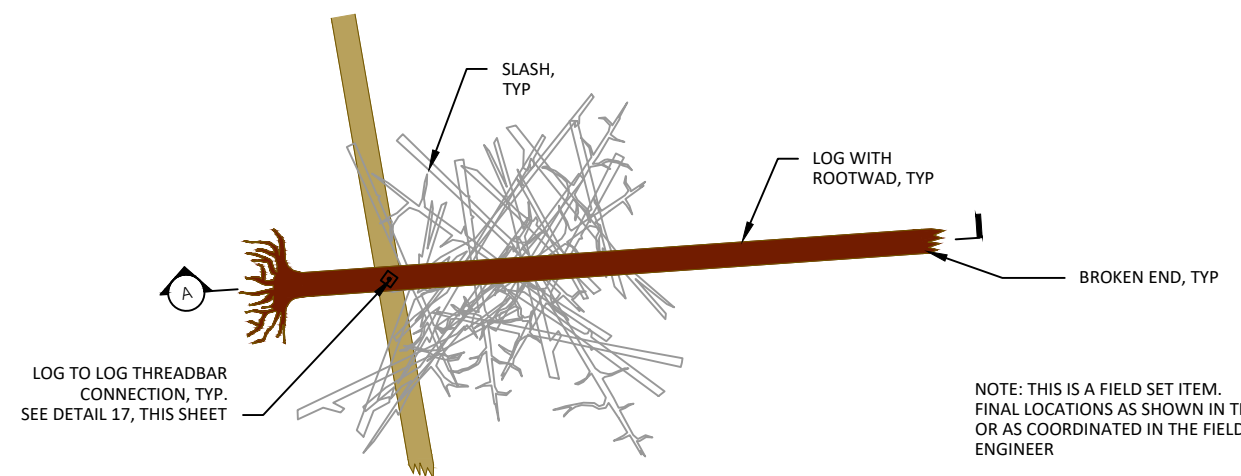
PILOT CHANNEL
CONSTRUCTION CROSS
SECTIONS

SHEET
10 OF 12

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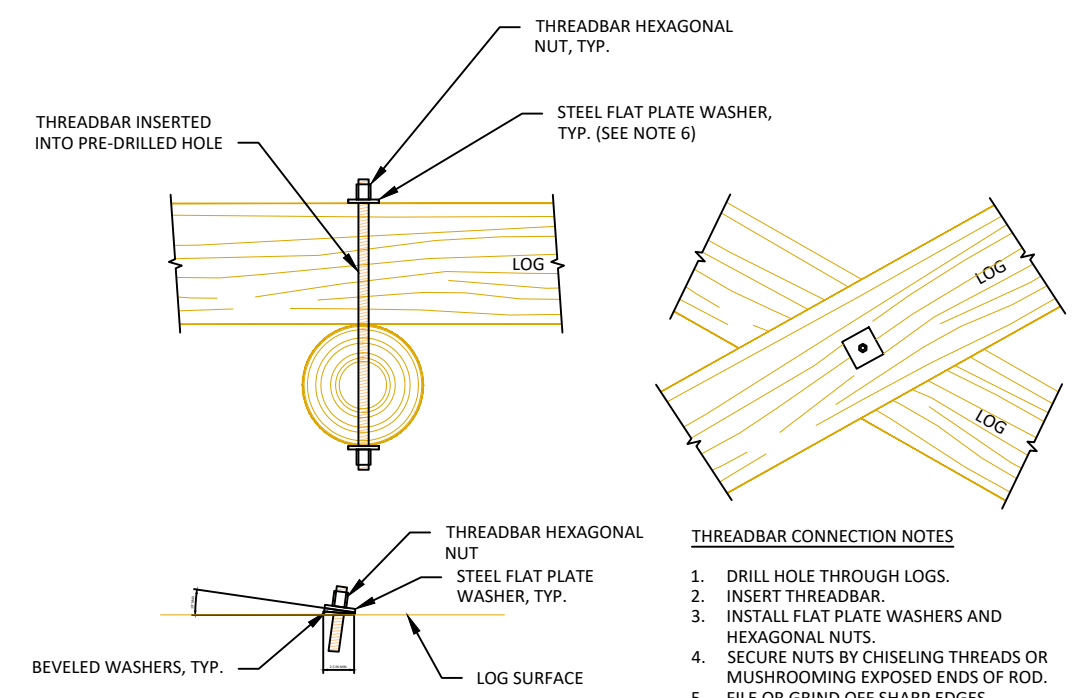


(A) TYPICAL SECTION VIEW



(B) TYPICAL PLAN VIEW

(16) TYPICAL DETAIL: LARGE WOOD STRUCTURE
(11)



- THREADBAR CONNECTION NOTES**
1. DRILL HOLE THROUGH LOGS.
 2. INSERT THREADBAR.
 3. INSTALL FLAT PLATE WASHERS AND HEXAGONAL NUTS.
 4. SECURE NUTS BY CHISELING THREADS OR MUSHROOMING EXPOSED ENDS OF ROD.
 5. FILE OR GRIND OFF SHARP EDGES.
 6. BEVELED WASHERS WILL BE REQUIRED BY THE ECOLOGIST TEAM IN THE FIELD IF ANGLE OF PRE-DRILLED HOLE IS NOT PERPENDICULAR TO BOTH LOGS.

(17) LOG TO LOG THREADBAR CONNECTION
(11)

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APPROVED	DATE	PROJECT

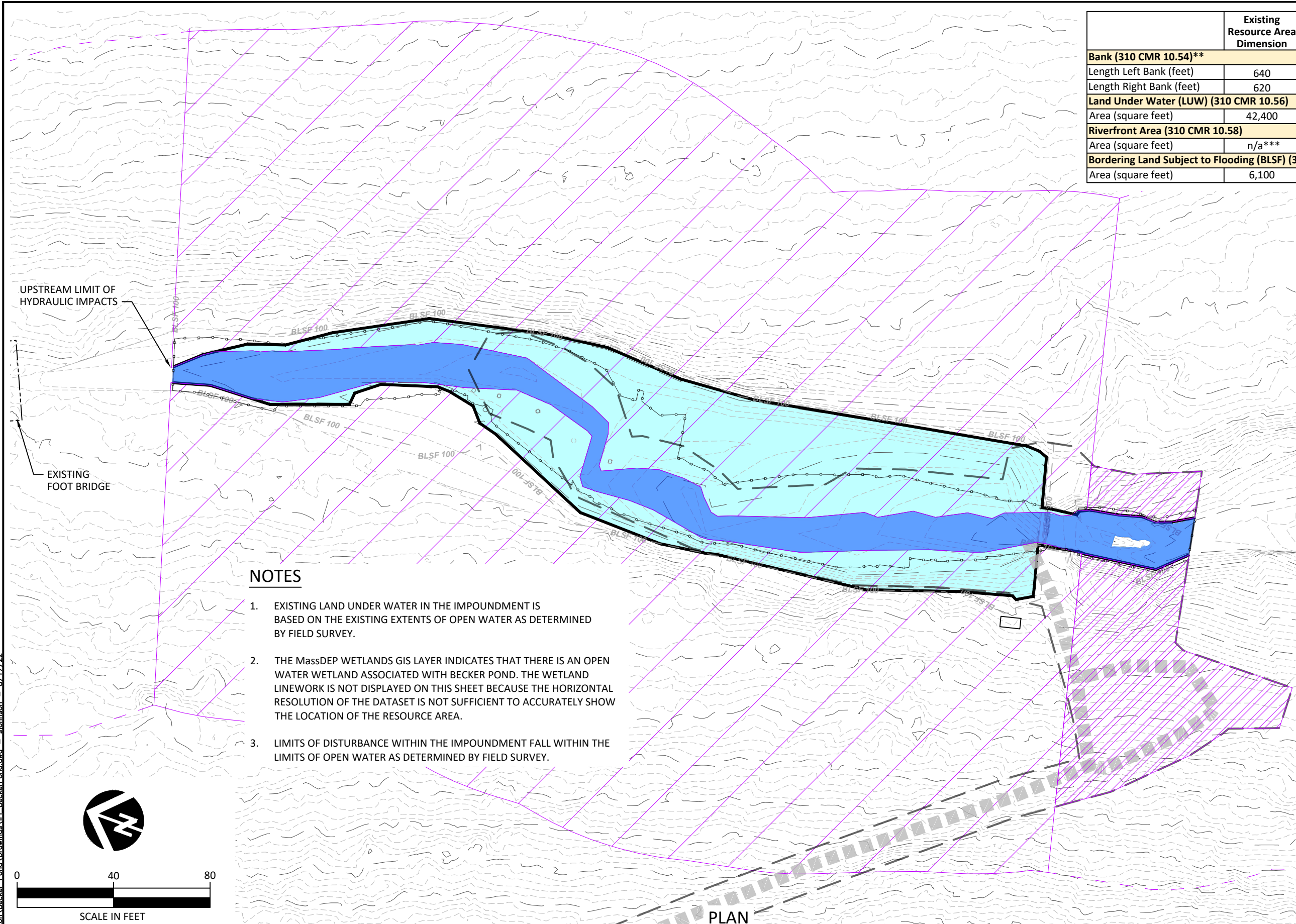
**BECKER POND DAM REMOVAL
THE NATURE CONSERVANCY
BERKSHIRE COUNTY, MASSACHUSETTS**



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**LARGE WOOD STRUCTURE
DETAILS**

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	Existing Resource Area Dimension	Proposed Resource Area Dimension	Net Change in Resource Area	Temporary Construction Impact*
Bank (310 CMR 10.54)**				
Length Left Bank (feet)	640	640	0**	140
Length Right Bank (feet)	620	620	0**	145
Land Under Water (LUW) (310 CMR 10.56)				
Area (square feet)	42,400	13,200	-29,200	25,500
Riverfront Area (310 CMR 10.58)				
Area (square feet)	n/a***	255,500	255,500	14,150
Bordering Land Subject to Flooding (BLSF) (310 CMR 10.57)				
Area (square feet)	6,100	14,300	8,200	530

NOTES:
 * The temporary construction impact is calculated relative to the Existing Resource Area and the Limit of Disturbance.
 ** 550 feet of left bank and 560 feet of right bank will be permanently relocated upon removal of the impoundment.
 *** Riverfront Area is not applicable to the existing impoundment. Riverfront Area will be created upon removal of the impoundment.

LEGEND

EXISTING AND PROPOSED RESOURCE AREAS

BANK (310CMR10.54)

— EXISTING
 — PROPOSED

LAND UNDERWATER (310CMR10.56)

— EXISTING
 — PROPOSED

LAND SUBJECT TO FLOODING (310CMR10.57)

— BLSF 100 — EXISTING
 — BLSF 100 — PROPOSED

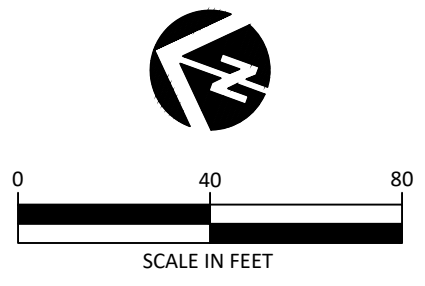
RIVERFRONT AREA (310CMR10.58)

— NEW
 — TEMPORARY IMPACTS
 — EXISTING RIVERFRONT BOUNDARY

— LIMITS OF DISTURBANCE
 — EXISTING ROAD

NOTES

1. EXISTING LAND UNDER WATER IN THE IMPOUNDMENT IS BASED ON THE EXISTING EXTENTS OF OPEN WATER AS DETERMINED BY FIELD SURVEY.
2. THE MassDEP WETLANDS GIS LAYER INDICATES THAT THERE IS AN OPEN WATER WETLAND ASSOCIATED WITH BECKER POND. THE WETLAND LINEWORK IS NOT DISPLAYED ON THIS SHEET BECAUSE THE HORIZONTAL RESOLUTION OF THE DATASET IS NOT SUFFICIENT TO ACCURATELY SHOW THE LOCATION OF THE RESOURCE AREA.
3. LIMITS OF DISTURBANCE WITHIN THE IMPOUNDMENT FALL WITHIN THE LIMITS OF OPEN WATER AS DETERMINED BY FIELD SURVEY.



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RESOURCE AREA IMPACTS



重要 महत्वपूर्ण σημαντικός
Important
կարևոր quan trọng مهم



Communication for Non-English-Speaking Parties

This document is important and should be translated immediately.

If you need this document translated, please contact MassDEP's Director of Environmental Justice at the telephone number listed below.

Español Spanish

Este documento es importante y debe ser traducido inmediatamente. Si necesita traducir este documento, póngase en contacto con el Director de Justicia Ambiental de MassDEP (*MassDEP's Director of Environmental Justice*) en el número de teléfono que figura más abajo.

Português Portuguese

Este documento é importante e deve ser traduzido imediatamente. Se você precisar traduzir este documento, entre em contato com o Diretor de Justiça Ambiental do MassDEP no número de telefone listado abaixo.

繁體中文 Chinese Traditional

本文檔很重要，需要即刻進行翻譯。
如需對本文檔進行翻譯，請透過如下列示電話號碼與 MassDEP 的環境司法總監聯絡。

简体中文 Chinese Simplified

这份文件非常重要，需要立即翻译。
如果您需要翻译这份文件，请通过下方电话与 MassDEP 环境司法主任联系。

Ayisyen Kreyòl Haitian Creole

Dokiman sa a enpòtan epi yo ta dwe tradui l imedyatman. Si w bezwen tradui dokiman sa a, tanpri kontakte Direktè. Jistis Anviwònmanal MassDEP a nan nimewo telefòn ki endike anba a.

Việt Vietnamese

Tài liệu này và quan trọng và phải được dịch ngay. Nếu quý vị cần bản dịch của tài liệu này, vui lòng liên hệ với Giám Đốc Phòng Công Lý Môi Trường của MassDEP theo số điện thoại được liệt kê bên dưới.

ប្រទេសកម្ពុជា Khmer/Cambodian

ឯកសារនេះមានសារៈសំខាន់
ហើយគួរត្រូវបានបកប្រែភ្លាមៗ។
ប្រសិនបើអ្នកត្រូវការអោយឯកសារនេះបកប្រែ
សូមទាក់ទងនាយកផ្នែកយុត្តិធម៌បរិស្ថានរបស់
MassDEPតាមរយៈលេខទូរស័ព្ទដែលបានរាយដូចខា
ងក្រោម។

Kriolu Kabuverdianu Cape Verdean

Es dokumentu sta important i tenki ser tradusidu imediatamenti. Se nho ta presisa ke es dokumentu sta tradisidu, por favor kontata O Diretor di Justisia di Environman di DEP ku es numero di telefoni menxionadu di baixo.

Contact Deneen Simpson 857-406-0738

**Massachusetts Department of Environmental Protection
100 Cambridge Street 9th Floor Boston, MA 02114**

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Русский Russian

Это чрезвычайно важный документ, и он должен быть немедленно переведен. Если вам нужен перевод этого документа, обратитесь к директору Департамента экологического правосудия MassDEP (MassDEP's Director of Environmental Justice) по телефону, указанному ниже.

العربية Arabic

هذه الوثيقة مهمة وتجب ترجمتها على الفور.

إذا كنت بحاجة إلى ترجمة هذه الوثيقة، فيرجى الاتصال بمدير العدالة البيئية في MassDEP على رقم الهاتف المذكور أدناه.

한국어 Korean

이 문서는 중대하므로 즉시 번역되어야 합니다. 본 문서 번역이 필요하신 경우, 매사추세츠 환경보호부의 "환경정의" 담당자 분께 문의하십시오. 전화번호는 아래와 같습니다.

հայերեն Armenian

Այս փաստաթուղթը կարևոր է, և պետք է անհապաղ թարգմանել այն:
Եթե Ձեզ անհրաժեշտ է թարգմանել այս փաստաթուղթը, դիմեք Մասաչուսեթսի շրջակա միջավայրի պահպանության նախարարության (MassDEP) Բնապահպանական հարցերով արդարադատության ղեկավարին (Director of Environmental Justice)՝ ստորև նշված հեռախոսահամարով

فارسی Farsi Persian

این نوشتار بسیار مهمی است و باید فوراً ترجمه شود. اگر نیاز به ترجمه این نوشتار دارید لطفاً با مدیر عدالت محیط زیستی MassDEP در شماره تلفن ذکر شده زیر تماس بگیرید.

Français French

Ce document est important et doit être traduit immédiatement. Si vous avez besoin d'une traduction de ce document, veuillez contacter le directeur de la justice environnementale du MassDEP au numéro de téléphone indiqué ci-dessous.

Deutsch German

Dieses Dokument ist wichtig und muss sofort übersetzt werden. Wenn Sie eine Übersetzung dieses Dokuments benötigen, wenden Sie sich bitte an MassDEP's Director of Environmental Justice (Direktor für Umweltgerechtigkeit in Massachusetts) unter der unten angegebenen Telefonnummer.

Ελληνική Greek

Το έγγραφο αυτό είναι πολύ σημαντικό και πρέπει να μεταφραστεί αμέσως. Αν χρειάζεστε μετάφραση του εγγράφου αυτού, παρακαλώ επικοινωνήστε με τον Διευθυντή του Τμήματος Περιβαλλοντικής Δικαιοσύνης της Μασαχουσέτης στον αριθμό τηλεφώνου που αναγράφεται παρακάτω

Italiano Italian

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Język Polski Polish

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हिन्दी Hindi

यह दस्तावेज महत्वपूर्ण है और इसका अनुवाद तुरंत किया जाना चाहिए। यदि आपको इस दस्तावेज का अनुवाद कराने की जरूरत है, तो कृपया नीचे दिए गए टेलीफोन नंबर पर MassDEP के पर्यावरणीय न्याय निदेशक से संपर्क करें।

Contact Deneen Simpson 857-406-0738

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