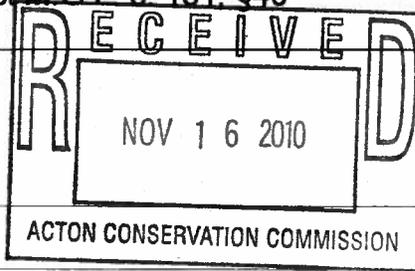




**Massachusetts Department of Environmental Protection**  
**Bureau of Resource Protection - Wetlands**  
**WPA Form 8A – Request for Certificate of Compliance**  
 Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:

85-1036  
 Provided by DEP



**A. Project Information**

**Important:**  
 When filling out forms on the computer, use only the tab key to move your cursor - do not use the return key.



1. This request is being made by:

John Erikson / Erikson Grain Mill, Inc  
 Name  
113 Main Street  
 Mailing Address  
Acton  
 City/Town  
978-263-4733 (business)  
 Phone Number

MA  
 State

01720  
 Zip Code

2. This request is in reference to work regulated by a final Order of Conditions issued to:

John Erikson / Erikson Grain Mill, Inc  
 Applicant  
March 17, 2010  
 Dated

85-1036  
 DEP File Number

3. The project site is located at:

113 Main Street  
 Street Address  
H-2a  
 Assessors Map/Plat Number

Acton  
 City/Town  
57  
 Parcel/Lot Number

4. The final Order of Conditions was recorded at the Registry of Deeds for:

Property Owner (if different)  
Middlesex South  
 County

54863  
 Book

530  
 Page

Certificate (if registered land)

5. This request is for certification that (check one):

- the work regulated by the above-referenced Order of Conditions has been satisfactorily completed.  
 the following portions of the work regulated by the above-referenced Order of Conditions have been satisfactorily completed (use additional paper if necessary).

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- the above-referenced Order of Conditions has lapsed and is therefore no longer valid, and the work regulated by it was never started.



Massachusetts Department of Environmental Protection  
Bureau of Resource Protection - Wetlands  
**WPA Form 8A – Request for Certificate of Compliance**  
Massachusetts Wetlands Protection Act M.G.L. c. 131, §40

DEP File Number:

85-1036

Provided by DEP

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### A. Project Information (cont.)

6. Did the Order of Conditions for this project, or the portion of the project subject to this request, contain an approval of any plans stamped by a registered professional engineer, architect, landscape architect, or land surveyor?

Yes

If yes, attach a written statement by such a professional certifying substantial compliance with the plans and describing what deviation, if any, exists from the plans approved in the Order.

No

---

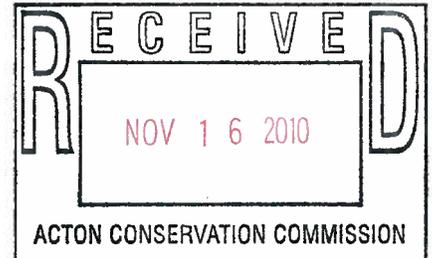
### B. Submittal Requirements

Requests for Certificates of Compliance should be directed to the issuing authority that issued the final Order of Conditions (OOC). If the project received an OOC from the Conservation Commission, submit this request to that Commission. If the project was issued a Superseding Order of Conditions or was the subject of an Adjudicatory Hearing Final Decision, submit this request to the appropriate DEP Regional Office (see <http://www.mass.gov/dep/about/region/findyour.htm>).



November 4, 2010

Tom Tidman - Director  
Acton Conservation Commission  
472 Main Street  
Acton, Massachusetts 01720



Re: **Erikson Dam Spillway Stability Improvements**  
**Request for Certificate of Completion**  
**DEP File No. 80-1036**  
PARE Project No. 08128.02

Dear Commission Members:

On October 5, 2010, PARE Corporation conducted a punch list inspection of the work completed at the Erikson Dam as part of the Erikson Dam Spillway Stability Improvements project. At that time, a punch list of items were identified for the Contractor to complete, including establishing a stand of grass, removing sanitary facilities, and removing erosion and sediment control devices.

Since the date of the punch list inspection, the grass had taken root and sanitary facilities have been removed. Haybales, silt fence, and turbidity barriers will be removed after receipt of a certificate of compliance from the Acton Conservation Commission. Based upon a site inspection completed on November 3, 2010, the project is considered to be substantially complete in accordance with the conditions of the Order of Conditions issued by the Acton Conservation Commission for the project.

We trust that this letter and attached documentation provides sufficient information for the Commission to find that the project has satisfactorily been completed in accordance with the Order of Conditions issued for the work. Should you have any questions or require any additional information please do not hesitate to contact us at 508.543.1755 or by email at [aorsi@parecorp.com](mailto:aorsi@parecorp.com).

Sincerely,

PARE CORPORATION

A handwritten signature in blue ink, appearing to read 'A R Orsi', written over the printed name of the sender.

Allen R. Orsi, P.E.  
Senior Project Engineer

**Attachments**

WPA Form 8a – Request for Certificate of Compliance  
Certificate of Completion  
Erikson Dam Spillway Stability Improvements - Record Drawings dated October 2010

cc: John Erikson, Erikson Grain Mill, Inc.

To: DCR, Office of Dam Safety – Permit Section  
180 Beaman Street  
West Boylston, MA 01583

## DAM SAFETY CERTIFICATE OF COMPLETION

### Dam Owner/Applicant

Name: Erikson Grain Mill, Inc.  
Representative: John Erikson  
Address: 113 Main Street, Acton, MA 01720  
Phone: 978-263-4733 (business)  
Fax: -  
Email Address: -

Project Location Town/City: Acton, MA  
Dam Name: Erikson Dam  
National Dam ID Number: MA00195  
State Dam ID Number: 4-9-2-1  
Nature of Dam Safety Improvements: Spillway stabilization  
Chapter 253 Permit date of issue: June 10, 2010  
Chapter 253 Permit expiration date: June 10, 2012  
Permit Recorded at Middlesex Registry of Deeds  
Dam Parcel Registry of Deeds Book Number: *12958 and 265*  
Recorded Permit Registry of Deeds Book Number: *54863*  
Recorded Permit Registry of Deeds Page Number: *545*  
Project completion date: Substantially Complete – October 5, 2010

### Engineer

Company Name: Pare Corporation  
Representative: Allen R. Orsi, P.E.  
Address: 10 Lincoln Road, Suite 103, Foxboro, MA 02035  
Phone: 508.543.1755  
Fax: 508.543.1881  
Email Address: aorsi@parecorp.com

### Contractor

Company Name: New England Infrastructure, Inc.  
Representative: Jason Mauro / Hugh Deery  
Address: 13 Brent Drive, Hudson, MA 01749  
Phone: ~~508.529.2900~~ 978.293.3535  
Fax: ~~508.529.2910~~ 978.293.3555  
Email Address: jmauro@neinfrastructure.com; hdeery@neinfrastructure.com

**Brief description of project, note location and dates of construction:**

The work included the following scope items:

- Clearing as required for site access
- Abandonment of existing pipes through the spillway
- Installation of a stone stability buttress.

**Statement of project completion in accordance with plans, specifications, dam safety permit conditions and standard construction practices:**

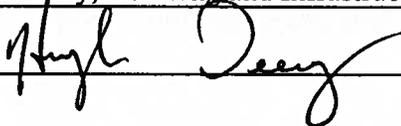
Based upon observed conditions and construction observation, the work was generally completed in accordance with the project plans and specifications as well as conditions of the Dam Safety Chapter 253 Permit and standard construction practices.

Minor variations were observed from the work shown on the approved plans. Variations included:

- 1) Access was completed approximately 20-feet downstream of the location shown on the plans to avoid disturbance of wall in the vicinity of the dam.
- 2) Existing pipes were abandoned utilizing grout and a hydrophilic water stop gel around the perimeter of the pipe interior instead of the proposed hydrophobic foam.
- 3) Limits of buttress construction were expanded to address areas of downstream wall failure and shifting in the existing buttress resulting from high flows subsequent to the finalization of design documents.

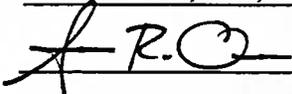
**By Contractor**

Print name and title: Hugh Deery, New England Infrastructure

Signature and date:  10-8-10

**By Engineer:** *To the best of my knowledge, information, and belief, based on observation by Pare Corporation staff on September 27, 28, and 29, I certify that the construction for this project is substantially complete in accordance with the Contract Documents. This certification is limited to the dates and activities observed by PARE, as PARE cannot comment or certify activities not observed by PARE personnel.*

Print name and title: Allen R. Orsi, P.E., Senior Project Engineer, Pare Corporation

Signature and date:  10-12-10

**By Dam Owner/Applicant (Erikson Grain Mill, Inc.)**

Print name and title: John Erikson

Signature and date:  10/5/10

Z:\JOBS\08 Jobs\08128.02 Erikson Dam-Permitt Bid & Construc\Construction Phase\CertificateofCompletion\_Erikson.doc

Prepared for The:  
ERIKSON GRAIN MILL, INC.  
**ERIKSON DAM SPILLWAY  
STABILITY IMPROVEMENTS**

MA00195 / 4-9-2-1  
ACTON, MASSACHUSETTS  
JULY 2010

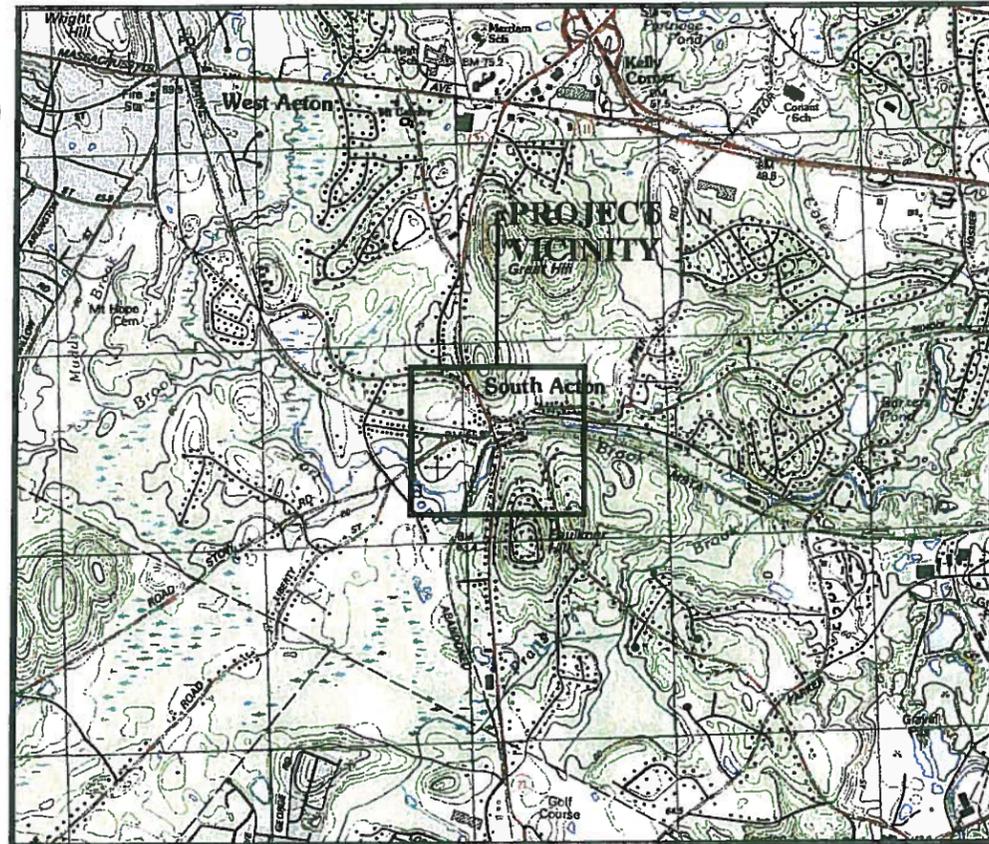
HALF SIZED  
RECORD DRAWINGS  
OCTOBER 2010

WARNING: THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS AND LIMITED CONSTRUCTION OBSERVATION SERVICES. PARE IS UNDER NO OBLIGATION OR DUTY TO VERIFY THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND HAS NOT DONE SO. PARE SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.



Drawing Index

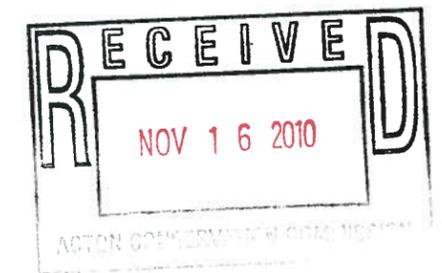
1. NOTES AND LEGEND
2. EXISTING SITE AND EROSION CONTROL PLAN
3. PROPOSED SITE PLAN AND SECTION



LOCUS PLAN



VICINTY/AERIAL MAP



Prepared by:  
**PARE CORPORATION**  
Foxboro, Massachusetts



**GENERAL NOTES:**

- ALL CONSTRUCTION INDICATED ON THESE PLANS SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF THE MASSACHUSETTS STATE BUILDING CODE, THE SPECIFICATIONS INCLUDED IN THIS CONTRACT, THE MASSACHUSETTS HIGHWAY DEPARTMENT (MASSACHUSETTS DEPARTMENT OF TRANSPORTATION) STANDARD SPECIFICATIONS, AND 302 CMR10.00 DAM SAFETY.
- PLAN DEVELOPED BASED UPON TOPOGRAPHIC AND BATHYMETRIC SURVEY COMPLETED BY PARE PERSONNEL ON OCTOBER 4, 2008.
- INFORMATION REGARDING THE LOCATION OF SURROUNDING STRUCTURES, UTILITIES, AND THE AS-BUILT CONFIGURATION AND CONDITION OF THE EXISTING DAM, SPILLWAY, AND ADJACENT AREAS IS FURNISHED SOLELY FOR THE CONVENIENCE OF THE CONTRACTOR AND SHALL BE FIELD VERIFIED. THE CONTRACTOR SHALL CONDUCT ITS OWN INDEPENDENT EXAMINATION OF SITE CONDITIONS FOR THE PURPOSE OF BIDDING, FABRICATION, AND CONSTRUCTION ASSOCIATED WITH THE PROJECT. ANY RELIANCE UPON INFORMATION MADE AVAILABLE BY THE OWNER OR THE ENGINEER SHALL BE AT THE CONTRACTOR'S RISK.
- THE VERTICAL DATUM UTILIZED FOR THE DEVELOPMENT OF THE BASE PLAN IS BASED UPON THE ORIGINAL CREST OF THE SPILLWAY (TOP OF WALL), ELEVATION 191.4 FEET. THE ELEVATION REPORTEDLY REFERENCES NGVD 1929, AS INDICATED IN THE MAY 1998 INSPECTION REPORT PREPARED BY HYDRAULIC & WATER RESOURCES ENGINEERS, INC. THE ELEVATION REPORTEDLY REFERENCES A 1962 PLAN PREPARED BY FAY, SPOFFORD, & THORNDIKE.
- HORIZONTAL DATA SHOWN REFERENCES NAD 83 MASSACHUSETTS STATE PLANE COORDINATE SYSTEM. HORIZONTAL COORDINATES ARE APPROXIMATE.
- SUBSURFACE INFORMATION INCLUDING GEOMETRY AND EXTENTS OF BELOW GRADE STRUCTURES ARE APPROXIMATED BASED UPON LIMITED SURFICIAL INFORMATION. ACTUAL CONDITIONS MAY DIFFER.
- CONTRACTOR SHALL MAINTAIN FLOW THROUGHOUT THE DURATION OF THE PROJECT IN ACCORDANCE WITH THESE DRAWINGS AND ALL ENVIRONMENTAL PERMITS.
- CONTRACTOR SHALL ESTABLISH HORIZONTAL AND VERTICAL CONTROL AS REQUIRED TO ENABLE COMPLETION OF THE WORK THROUGHOUT THE DURATION OF THE PROJECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL PROJECT DEMOLITION AND EXCESS MATERIAL IN ACCORDANCE WITH MASSACHUSETTS, LOCAL, AND FEDERAL LAWS.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DAMAGE TO ADJACENT STRUCTURES AND UTILITIES AT NO ADDITIONAL COST TO THE OWNER. CONTRACTOR IS RESPONSIBLE FOR VERIFYING LOCATION OF ANY UTILITIES ON THE SITE.
- THE CONTRACTOR SHALL FOLLOW ALL OSHA AND OTHER APPLICABLE FEDERAL, STATE AND LOCAL STANDARDS FOR ALL PROJECT COMPONENTS AND ACTIVITIES.
- ALL CONSTRUCTION ACTIVITIES SHALL BE CONFINED TO THE LIMITS OF WORK AND TEMPORARY EASEMENTS DEFINED HEREIN.
- THE SITE WORK WILL TAKE PLACE WITHIN AREAS ACCESSIBLE TO THE PUBLIC. CONTRACTOR SHALL MAINTAIN A SECURE SITE AND PROVIDE APPROPRIATE SAFETY MEASURES TO PREVENT ACCIDENTS. THE SAFETY MEASURES MAY INCLUDE, BUT NOT BE LIMITED TO SIGNAGE, BARRICADES, FENCES, FLASHING WARNING LIGHTS, AND POLICING.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR RETURNING ALL PORTIONS OF DISTURBED ROADWAY, PAVEMENTS, PATHS, GRASSED AREAS, AND ANY OTHER PROPERTY TO PRE CONSTRUCTION CONDITION. CONTRACTOR SHALL RESET ANY FENCING DISTURBED BY CONSTRUCTION ACTIVITIES.
- ANY UTILITIES THAT MAY BE LOCATED AT THE DAM OR AREAS SURROUNDING THE PROJECT AREA SHALL BE PROTECTED DURING CONSTRUCTION. THE CONTRACTOR SHALL CONTACT DIG SAFE PRIOR TO UNDERTAKING ANY EXCAVATION.
- WETLAND FLAG LOCATIONS BASED UPON RELATIVE LOCATION TO EXISTING SITE FEATURES AND A WETLAND DELINEATION COMPLETED BY PARE CORPORATION ON SEPTEMBER 24, 2008.

OWNER: ERIKSON GRAIN MILL, INC.  
113 MAIN STREET  
ACTON, MA 01720

ENGINEER: PARE CORPORATION  
10 LINCOLN RD, SUITE 103  
FOXBORO, MA 02139

**EROSION CONTROL NOTES:**

- CONTRACTOR SHALL MAINTAIN ALL EROSION CONTROL DEVICES FOR THE DURATION OF THE PROJECT.
- CONTRACTOR SHALL PREVENT SEDIMENT FROM ENTERING THE IMPOUNDMENT OR DOWNSTREAM CHANNEL VIA DISCHARGES THROUGH ANY DRAINAGE STRUCTURES OR RUNOFF FROM WITHIN THE LIMITS OF WORK.
- NO WORK OR DISCHARGES, OTHER THAN THAT SHOWN, SHALL BE PERFORMED WITHIN THE WETLAND AREA WITHOUT FIRST RECEIVING PROPER PERMITS FROM THE REGULATORY AGENCIES. CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVING, RESTORING AND REPAIRING ALL DAMAGE AS A RESULT OF UNAUTHORIZED WORK OR DISCHARGES TO THE WETLAND AREA AT NO ADDITIONAL COST TO THE OWNER.
- UPON COMPLETION OF THE WORK ALL DISTURBED AREAS SHALL BE DRESSED AND SEEDED WITH GRASS PLOT MIX IN ACCORDANCE WITH M.6.03.0 OF THE MHD STANDARD SPECIFICATIONS.

**SITE ACCESS**

- PRIMARY SITE ACCESS IS FROM OWNERS PROPERTY ON THE RIGHT (EASTERN) ABUTMENT OF THE DAM THROUGH PAVED DRIVEWAYS TO THE ERIKSON GRAIN MILL, CORP ALONG HIGH STREET
- THE CONTRACTOR SHALL VERIFY ACCESSIBILITY FOR ALL EQUIPMENT THROUGH EXISTING DRIVEWAYS AND ACCESS PATHS. CONTRACTOR SHALL VERIFY THE CAPACITY OF THE EXISTING STONE ARCH CULVERT TO SUPPORT THE LOAD OF ANY TRAFFIC ALONG THE ACCESS PATH IN THIS AREA.
- ANY ACTIVITIES FOR SITE ACCESS SHALL BE COORDINATED AS APPLICABLE WITH APPROPRIATE PROPERTY OWNERS.
- ACCESS TO COMPLETE THE PLACEMENT OF THE BUTTRESS IS ANTICIPATED TO BE VIA THE EXISTING STONE BUTTRESS ON THE LEFT HALF OF THE SPILLWAY. STONES ARE TO BE PLACED UTILIZING AN EXCAVATOR OR SIMILAR EQUIPMENT STAGED ON THE EXISTING BUTTRESS OR THROUGH THE USE OF A CRANE OR SIMILAR EQUIPMENT STAGED UPSTREAM OF THE DAM ON THE ACCESS ROADWAY.
- ACCESS TO COMPLETE THE WORK SHALL BE AS SHOWN ON THE DRAWINGS. ALL ACCESSWAYS SHALL BE IMPLEMENTED IN ACCORDANCE WITH ENVIRONMENTAL PERMITS.

**SCOPE OF WORK AND ANTICIPATED WORK SEQUENCE:**

THE FOLLOWING NOTES PROVIDE THE GENERAL SCOPE OF WORK FOR THE PROJECT:

- INSTALL EROSION AND SEDIMENT CONTROL DEVICES AND CONTROL OF WATER.
- REMOVE VEGETATION AND STABILIZE ACCESS ROUTES FOR COMPLETING THE WORK.
- INSTALL BUTTRESS AS SHOWN ON THE DRAWINGS AND INDICATED WITHIN THE PROJECT SPECIFICATIONS
- LOAM AND SEED DISTURBED AREAS ON DAM, STAGING AREAS, ACCESS PATHS, OR OTHER AREAS OF DISTURBANCE.
- CLEAN SITE AND DEMOBILIZE.

**RIPRAP SPECIFICATIONS**

- QUALITY OF STONE: A. ALL STONE SHALL CONSIST OF SOUND, HARD, DENSE, DURABLE ROCK WHICH HAS BEEN SEPARATED FROM BEDROCK IN PLACE BY QUARRYING. UNIT WEIGHT OF STONE SHALL NOT BE LESS THAN 165 POUNDS PER CUBIC FOOT, DRY IN AIR. THE STONE SHALL BE FREE FROM OPEN OR INCIPENT CRACKS, SEAMS AND FISSURES, AND FROM POROUS STRUCTURE, SOLUTION CAVITIES, PLANES OF WEAKNESS, AND FROM COMPONENT MINERALS AND CEMENTING OR BONDING MATERIALS THAT MAY CONTRIBUTE TO SPALLING OR BREAKDOWN DURING HANDLING AND PLACING AND FROM WAVE ACTION AND CHEMICAL ACTION FROM AIR AND WATER. NO STONE SHALL BE USED IN WHICH THE LEAST PRINCIPAL DIMENSION IS LESS THAN ONE THIRD OF THE GREATEST DIMENSION. SLABS, BOULDERS AND ROUND STONES WILL BE REJECTED. STONE SHALL, IN GENERAL, BE OF IRREGULAR AND ANGULAR SHAPE; HOWEVER, NOT MORE THAN 25% MAY BE ROUGHLY RECTANGULAR, PROVIDED SUCH STONE IS PLACED WITH ITS LONG AXIS PERPENDICULAR TO THE LENGTH OF THE STRUCTURE.

- STONE: STONE SHALL BE IMPORTED MATERIAL CONFORMING TO M2.02.2, OF THE MHD STANDARD SPECIFICATIONS WITH THE FOLLOWING GRADATIONS:

STONE WEIGHT (LB)	MAXIMUM % OF TOTAL WEIGHT SMALLER THAN GIVEN WEIGHT	APPROXIMATE STONE DIAMETER (IN)
3700	100	42
690	50	24
300	5	18

- STONE APPEARANCE: THE ARMOR STONE SHALL BE CLEAN AND HAVE A UNIFORM APPEARANCE. THE VISUAL APPEARANCE OF THE PROPOSED STONE MUST BE APPROVED BY THE OWNER.
- REUSE OF ONSITE STONE: ONSITE STONES WITHIN THE DOWNSTREAM CHANNEL IN THE AREA IDENTIFIED AS A BORROW AREA SHALL BE USED FROM THE LIMITS SHOWN AND AS THEY MEET THE GRADATION SPECIFIED HEREIN. STONE FROM THIS AREA SHALL BE UTILIZED TO TOP DRESS THE BUTTRESS TO PROVIDE A WEATHERED STONE APPEARANCE ON EXPOSED FACES OF THE BUTTRESS.
- REJECTED STONE: ANY STONE NOT MEETING THE REQUIREMENTS OF THESE SPECIFICATIONS WILL BE REJECTED AND SHALL BE REMOVED FROM THE SITE AND REPLACED WITH SUITABLE STONE AT THE SOLE EXPENSE OF THE CONTRACTOR.
- HEIGHT OF FREEFALL OF RIPRAP DURING PLACEMENT SHALL NOT EXCEED ONE FOOT.
- IT IS THE INTENT OF THESE SPECIFICATIONS TO PRODUCE A FAIRLY COMPACT RIPRAP PROTECTION IN WHICH ALL SIZES OF MATERIAL ARE PLACED IN THEIR PROPER PROPORTIONS. HAND PLACING OR REARRANGING OF INDIVIDUAL STONES BY MECHANICAL EQUIPMENT MAY BE REQUIRED TO THE EXTENT NECESSARY TO SECURE THE RESULTS SPECIFIED. HAND PLACING OF CHINKING STONES TO FILL LARGE GAPS/VOIDS WILL ALSO BE REQUIRED.

**DIVERSION NOTES:**

- CONTRACTOR SHALL REGULATE THE DISCHARGE OF WATER AS REQUIRED TO ENABLE CONSTRUCTION. THE CONTRACTOR SHALL MAINTAIN FLOW THROUGHOUT CONSTRUCTION. ALL DIVERSIONS AND DEWATERING SHALL BE COMPLETED IN ACCORDANCE WITH ENVIRONMENTAL PERMITS.
- CONTRACTOR SHALL PROVIDE TEMPORARY COFFERDAMS TO DEWATER AREAS TO ALLOW FOR WORK TO BE COMPLETED IN THE DRY AS NECESSARY TO COMPLETE THE WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PREVENTING ANY GROUT, CONCRETE, SOIL, OR OTHER MATERIAL FROM ENTERING THE STREAM CHANNEL OR IMPOUNDMENT.
- CONTRACTOR SHALL BE RESPONSIBLE FOR ALL LOSS AND DAMAGE DUE TO FAILURE OF ANY DIVERSION STRUCTURES CONSTRUCTED DURING THE WORK.
- CONTRACTOR SHALL REGULATE DISCHARGES AND PHASE CONSTRUCTION SO THAT CONSTRUCTION EQUIPMENT DOES NOT PASS THROUGH FLOWING WATER.
- CONTRACTOR SHALL MAINTAIN THE WATER LEVEL OF THE IMPOUNDMENTS AS INDICATED ON THE DRAWINGS AND IN ACCORDANCE WITH ALL ENVIRONMENTAL PERMITS FOR THE DURATION OF THE PROJECT.

**REPOINTING NOTES:**

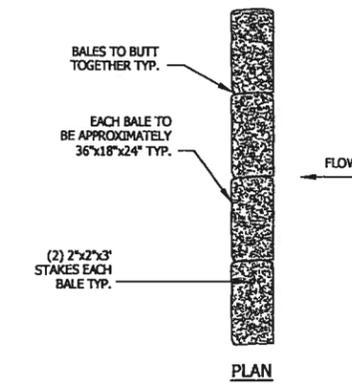
- THE MASONRY JOINT REPOINTING MATERIAL SHALL BE AS STATED OR AN APPROVED EQUAL.
  - ABOVE WATER
    - FOR USE IN APPLICATIONS LESS THAN 3 INCHES: FIVE STAR STRUCTURAL CONCRETE V/O OR TAMMS SPEEDCRETE REDLINE
  - BELOW WATER
    - FOR USE IN APPLICATIONS LESS THAN 3 INCHES: TAMMS SPEEDCRETE BLUELINE OR CC CHEMICAL DURACRETE UNDERWATER GRADE, FIVE STAR STRUCTURAL CONCRETE UNDERWATER HP.
    - FOR USE IN APPLICATIONS GREATER THAN 3 INCHES: TAMMS AQUASEAL GEL OR EPOXYSYSTEMS PRODUCT #707.
- MORTAR SHALL BE NON-TOXIC AND APPROVED FOR USE IN POTABLE WATER.

**RECORD DRAWING NOTES:**

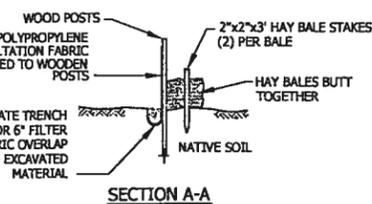
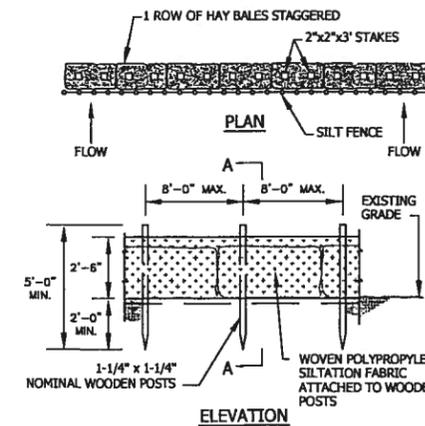
- THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS AND LIMITED CONSTRUCTION OBSERVATION SERVICES. PARE IS UNDER NO OBLIGATION OR DUTY TO VERIFY THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND HAS NOT DONE SO. PARE SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.
- WORK WAS COMPLETED BY NEW ENGLAND INFRASTRUCTURE, INC. OF HUDSON, MASSACHUSETTS.

**LEGEND**

- D1 BORDERING VEGETATED WETLAND FLAG
- C1 RIVER / POND BANK FLAG
- TREE
- TREELINE
- LIMITS OF DISTURBANCE



**TYPE 1 EROSION CONTROL**  
NOT TO SCALE



**TYPE 2 EROSION CONTROL**  
NOT TO SCALE

HALF SIZED  
RECORD DRAWINGS  
OCTOBER 2010



**ERIKSON DAM SPILLWAY STABILITY IMPROVEMENTS**  
 MA00195 / 4-9-2-1  
 ERIKSON GRAIN MILL, INC.  
 ACTON, MASSACHUSETTS

REVISIONS:	
1	10-20-2010 AS-BUILT
PROJECT NO.:	08128.02
DATE:	JULY 2010
SCALE:	AS NOTED
DESIGNED BY:	VAV/ARO
CHECKED BY:	ARO
DRAWN BY:	ARO/GB
APPROVED BY:	JMB

**GENERAL NOTES & LEGEND**

DRAWING NO.: **1**  
SHEET NO. **2** OF **4**

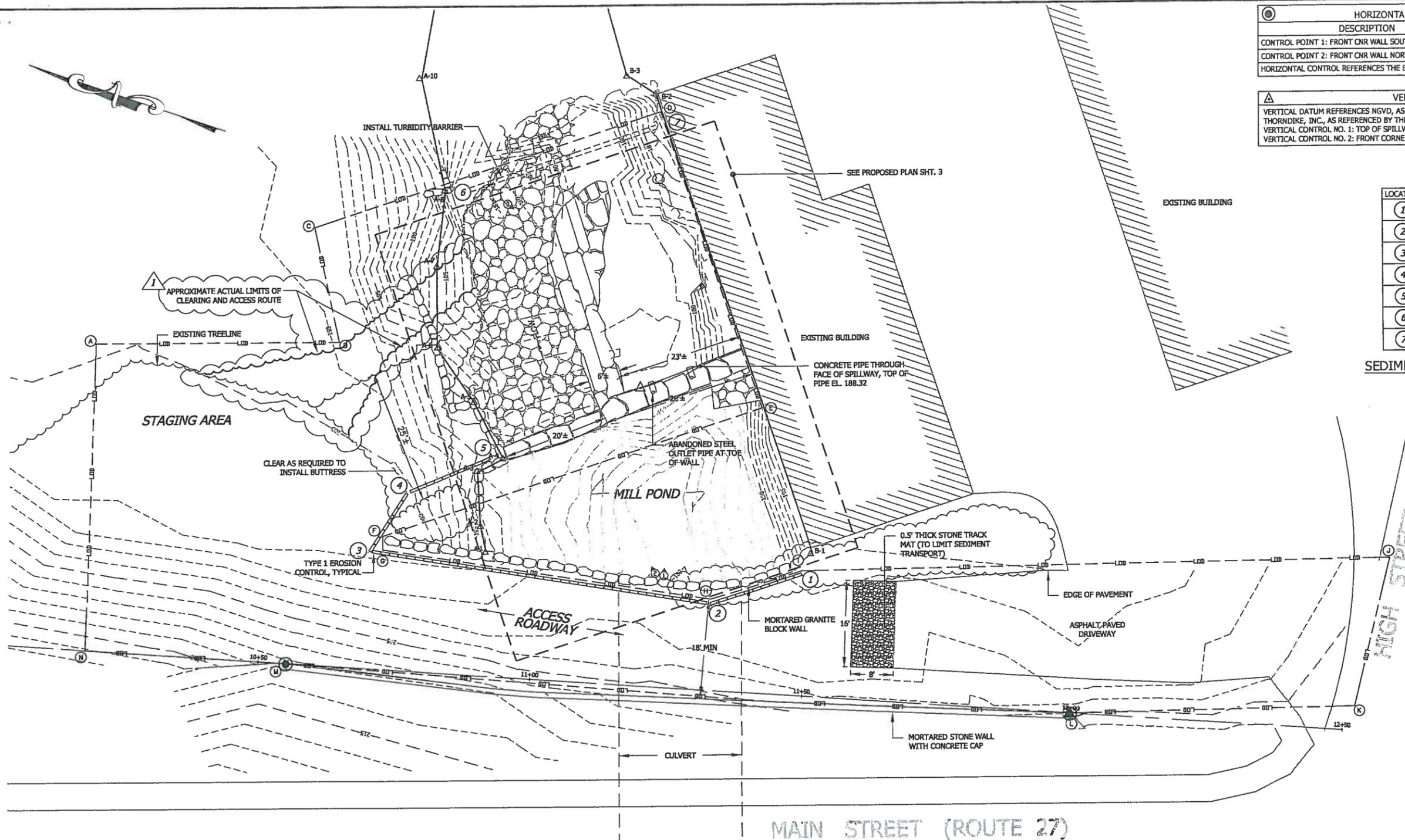
HORIZONTAL CONTROL			
DESCRIPTION	ELEVATION	STATION	OFFSET
CONTROL POINT 1: FRONT CNR WALL SOUTH END	208.03	12+00.0	0.0'
CONTROL POINT 2: FRONT CNR WALL NORTH END	213.01	10+55.0	0.0'

HORIZONTAL CONTROL REFERENCES THE BASELINE AS SHOWN ON THIS PLAN

VERTICAL CONTROL			
VERTICAL DATUM REFERENCES NGVD, AS REPORTED ON A 1962 PLAN PREPARED BY FAY, SPOFFORD, & THORNDIKE, INC., AS REFERENCED BY THE MAY 1988 PHASE I INSPECTION REPORT			
VERTICAL CONTROL NO. 1: TOP OF SPILLWAY WALL EL. 191.40			
VERTICAL CONTROL NO. 2: FRONT CORNER OF WEST END OF WALL EL. 208.03			

LOCATION	STATION	OFFSET	DESCRIPTION
1	11+49	22.6 D/S	START TYPE 1
2	11+32	16.0 D/S	CORNER TYPE 1
3	10+68	21.7 D/S	CORNER TYPE 1
4	10+74	33.5 D/S	CORNER TYPE 1
5	10+90	41.2 D/S	END TYPE 1
6	10+82	90.7 D/S	END TURBIDITY BARRIER
7	11+16	103.7	END TURBIDITY BARRIER

SEDIMENT CONTROL LAYOUT TABLE



LOCATION	STATION	OFFSET
A	10+16	57.2 D/S
B	10+60	60.4 D/S
C	10+54	81.3 D/S
D	11+17	106.9 D/S
E	11+39	53.3 D/S
F	10+71	24.9 D/S
G	10+71	22.4 D/S
H	11+32	17.0 D/S
I	11+49	23.4 D/S
J	12+57	32.7 D/S
K	12+52	4.6 D/S
L	12+00	0.0 D/S
M	10+55	0.0 D/S
N	10+18	0.0 D/S

LIMITS OF DISTURBANCE TABLE

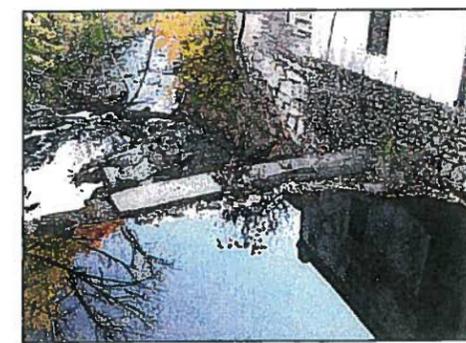


PHOTO NO. 1: SPILLWAY IN THE AREA OF THE WORK FROM UPSTREAM OF THE DAM



PHOTO NO. 2: SPILLWAY BETWEEN THE WORK AREA AND THE STAGING AREA FROM UPSTREAM OF THE DAM



PHOTO NO. 3: WORK AREA FROM DOWNSTREAM OF THE DAM

**ERIKSON DAM SPILLWAY STABILITY IMPROVEMENTS**

MA00195 / 4-9-2-1  
 ERIKSON GRAIN MILL, INC.  
 ACTON, MASSACHUSETTS

REVISIONS:	
1	10-20-2010 AS-BUILT

PROJECT NO.: 08128.  
 DATE: JULY 20  
 SCALE: AS NOTED  
 DESIGNED BY: VAV/AI  
 CHECKED BY: AI  
 DRAWN BY: ARO/  
 APPROVED BY: JI

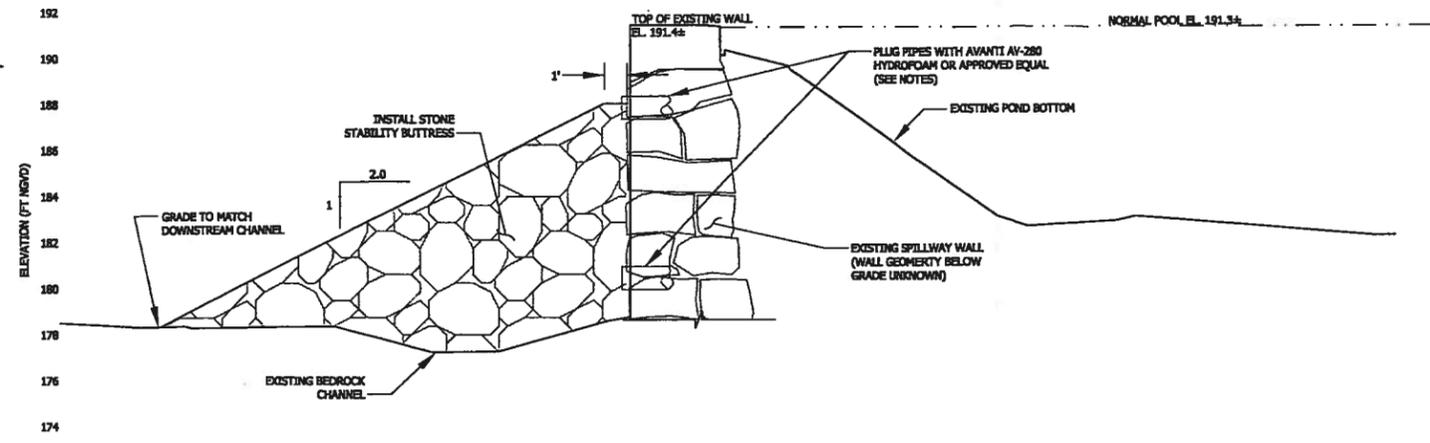
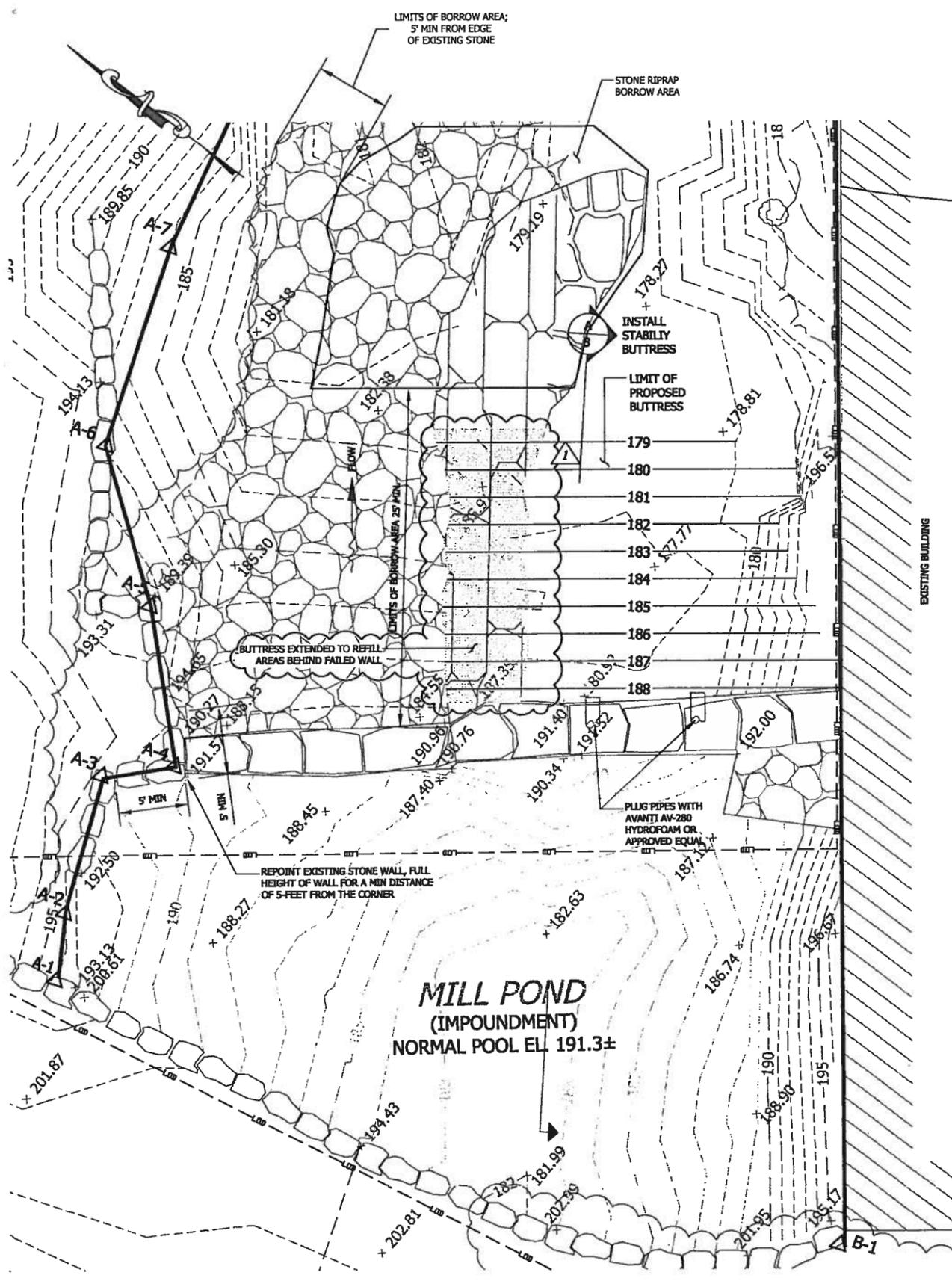
EXISTING SITE & EROSION CONTROL PLAN

DRAWING NO.: 2  
 SHEET NO. 3 OF 4

HALF SIZED RECORD DRAWINGS  
 OCTOBER 2010

**ERIKSON DAM SPILLWAY  
 STABILITY IMPROVEMENTS**

MA00195 / 4-9-2-1  
 ERIKSON GRAIN MILL, INC.  
 ACTON, MASSACHUSETTS

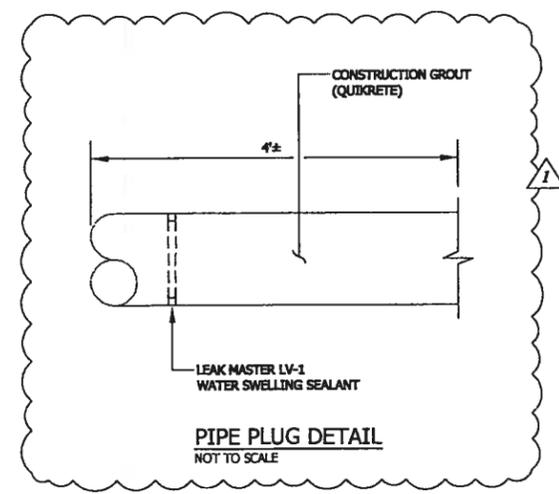
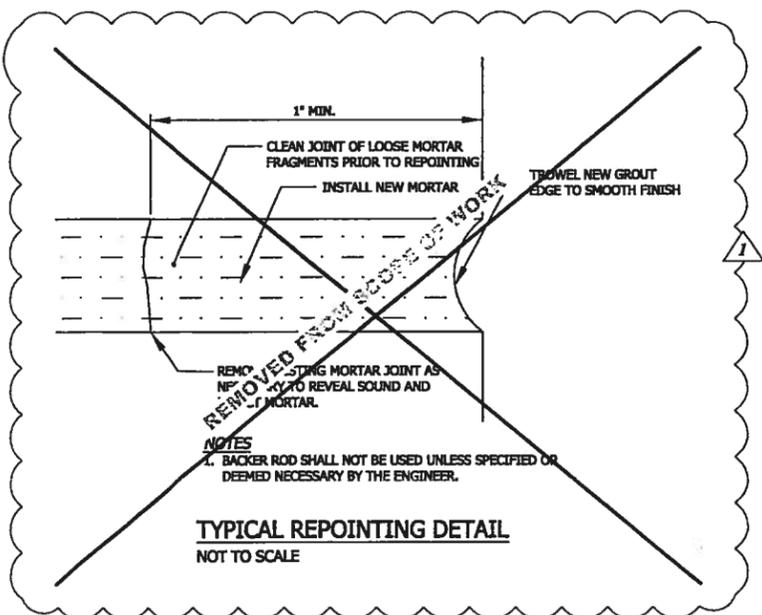


**PROPOSED BUTTRESS**  
 SCALE: 1"=4'

**PIPE PLUGGING NOTES**

- PIPES SHALL BE FILLED IN THEIR ENTIRETY UTILIZING AN APPROVED HYDROPHOBIC GROUT OR OTHER MATERIAL AS APPROVED BY THE ENGINEER.
- CONTRACTOR SHALL PROVIDE A TEMPORARY FORM AT THE DOWNSTREAM END OF THE PIPE TO FUNCTION AS A FORM DURING THE PLUGGING PROCEDURE.
- PRIOR TO PLUG INSTALLATION, THE INTERIOR OF THE PIPE SHALL BE THOROUGHLY CLEANED OF ALL LOOSE DEBRIS, CORROSION, SEDIMENT, OR OTHER DELETERIOUS MATERIAL.

- THESE RECORD DOCUMENTS HAVE BEEN PREPARED BASED ON INFORMATION PROVIDED BY OTHERS AND LIMITED CONSTRUCTION OBSERVATION SERVICES. PARE IS UNDER NO OBLIGATION OR DUTY TO VERIFY THE ACCURACY AND/OR COMPLETENESS OF THIS INFORMATION AND HAS NOT DONE SO. PARE SHALL NOT BE RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY BE INCORPORATED AS A RESULT OF ERRONEOUS INFORMATION PROVIDED BY OTHERS.
- WORK WAS COMPLETED BY NEW ENGLAND INFRASTRUCTURE, INC. OF HUDSON, MASSACHUSETTS.



HALF SIZED  
 RECORD DRAWINGS  
 OCTOBER 2010

REVISIONS:	
1	10-20-2010 AS-BUILT

PROJECT NO.: 08128.02  
 DATE: JULY 2010  
 SCALE: AS NOTED  
 DESIGNED BY: VAV/ARD  
 CHECKED BY: ARO  
 DRAWN BY: ARO/GB  
 APPROVED BY: JMB

PROPOSED  
 SITE PLAN  
 & SECTION  
 DRAWING NO.:  
**3**  
 SHEET NO. 4 OF 4