



**US Army Corps
of Engineers®
New England District**

**Maine Project Office
442 Civic Center Drive, Suite 350
Augusta, Maine 04330**

PUBLIC NOTICE

Date: JUNE 18, 2019
Comment Period Ends: JULY 8, 2019
File Number: NAE-2017-00078
In Reply Refer To: Jay L. Clement
Or by e-mail: jay.l.clement@usace.army.mil

20 DAY NOTICE

The District Engineer has received a permit application from the applicant below to **conduct work in waters of the United States** as described below. The Corps is soliciting comments on both the project itself and the range of issues to be addressed in the environmental documentation.

APPLICANT: TOWN OF ALNA, 1568 ALNA ROAD, ALNA, MAINE 04535

ACTIVITY: Place temporary and permanent fill below the ordinary high water mark of the Sheepscot River at Alna, Maine in order to modify the existing Head Tide Dam. The dam currently prevents safe, timely, and effective up and downstream passage for federally endangered Atlantic salmon and other sea run fish. The right abutment of the dam will be modified to remove concrete and ledge to attract more flow and in turn, reduce velocity to improve fish passage. The modifications are also intended to extend the life of the dam by reducing high flow pressure on the spillway and by addressing a section of the dam that is in a higher state of deterioration. Approximately 2,900 square feet of river bed will be temporarily impacted (temporary access and cofferdams). Approximately 340 cubic yards of concrete and ledge will be removed and disposed of at an upland location. The removed right abutment will then be replaced with an overlook with an 18" thick concrete wall and steel grate top.

WATERWAY AND LOCATION OF THE PROPOSED WORK: Head Tide Dam on the Sheepscot River, Alna, Maine. The project is located at latitude 44.115225°N; and longitude -69.624324°W, on the USGS DAMARISCOTTA, ME quadrangle sheet.

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).

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 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.

Where the activity involves the discharge of dredged or fill material into waters of the United States 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.

ESSENTIAL FISH HABITAT (EFH): 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”).

In water construction at the site will impact Essential Fish Habitat (“EFH”) for Atlantic salmon. This habitat consists of river bed composed of ledge, cobbles and boulders interspersed with smaller stones, silt, sand, and gravel. The District Engineer has made the preliminary determination that the site-specific adverse effect on EFH will not be substantial. Any consultation with the National Marine Fisheries Service regarding EFH conservation recommendations will be concluded prior to the final decision.

SECTION 106 COORDINATION: The National Oceanic & Atmospheric Administration, National Marine Fisheries Service (NOAA-NMFS) has initiated consultation with the Maine Historic Preservation Commission and Maine’s Indian Tribes pursuant to Section 106 of the National Historic Preservation Act of 1966 as amended. Although NOAA-NMFS has taken the lead in this consultation, both agencies will continue review and consultation to fulfil requirements under the Historic Preservation Act as part of the permit review process.

ENDANGERED SPECIES ACT CONSULTATION: NOAA-NMFS has initiated consultation internally pursuant to Section 7 of the Endangered Species Act regarding the presence of Atlantic salmon, Atlantic salmon critical habitat, and Northern Long-Eared Bats. Although NOAA-NMFS has taken the lead in this consultation, the District Engineer is hereby requesting that the appropriate Federal Agency also provide comments to the Corps regarding the presence of and potential impacts to listed species or critical habitat.

OTHER APPROVALS: The applicant has supplied the Maine Department of Environmental Protection with a permit application for the work described in this public notice and is requesting that the Department either grant or waive Water Quality Certification in accordance with Section 401 of the Clean Water Act. Comments regarding the applicant's Permit/Water Quality Certification request may be submitted in writing to: Nick Livesay, Director, Bureau of Land Resources, Department of Environmental Protection, 17 State House Station, Augusta, ME, 04333-0017 or by email to: nick.livesay@ maine.gov

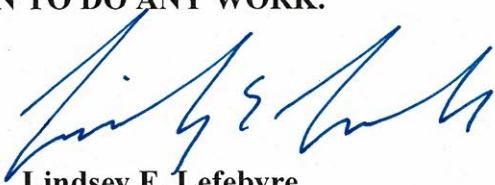
In order to properly evaluate the proposal, we are seeking public comment. Anyone wishing to comment is encouraged to do so. **Comments should be submitted in writing by the above date.** If you have any questions, please contact Jay Clement at 207-623-8367, ext. 1 at our Augusta, Maine Project Office.

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 Corps 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. All comments will be considered a matter of public record. 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.

For more information on the New England District Corps of Engineers programs, visit our website at <http://www.nae.usace.army.mil>.

THIS NOTICE IS NOT AN AUTHORIZATION TO DO ANY WORK.

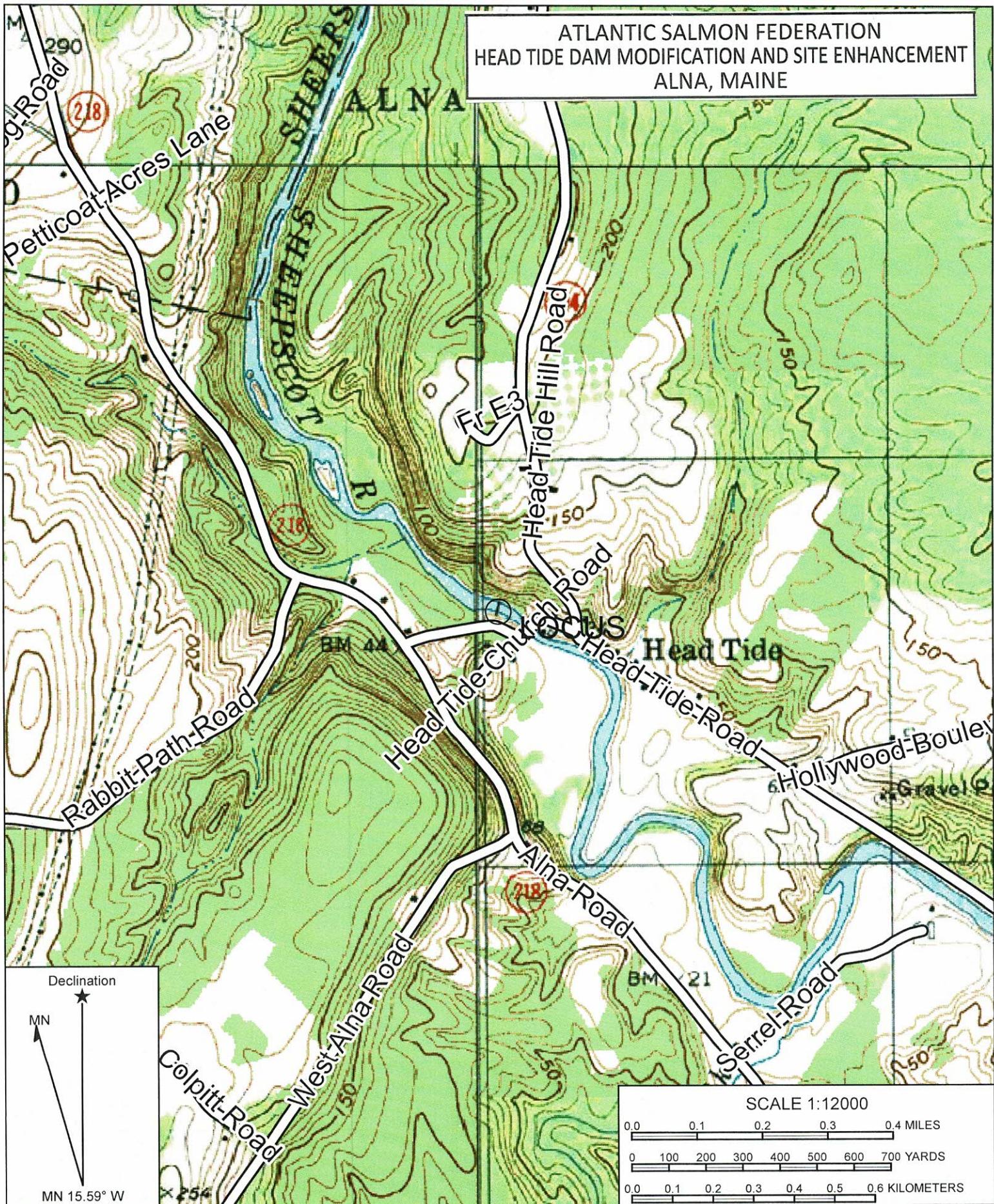


Lindsey E. Lefebvre
Chief, Permits and Enforcement Branch
Regulatory Division

If you would prefer not to continue receiving Public Notices, please contact Ms. Tina Chaisson at (978) 318-8058 or e-mail her at bettina.m.chaisson@usace.army.mil. You may also check here () and return this portion of the Public Notice to: Bettina Chaisson, Regulatory Division, U.S. Army Corps of Engineers, 696 Virginia Road, Concord, MA 01742-2751.

NAME: _____
ADDRESS: _____

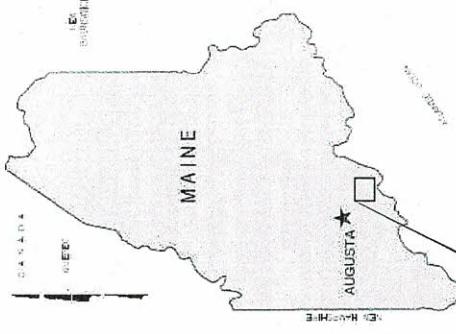
ATLANTIC SALMON FEDERATION
HEAD TIDE DAM MODIFICATION AND SITE ENHANCEMENT
ALNA, MAINE



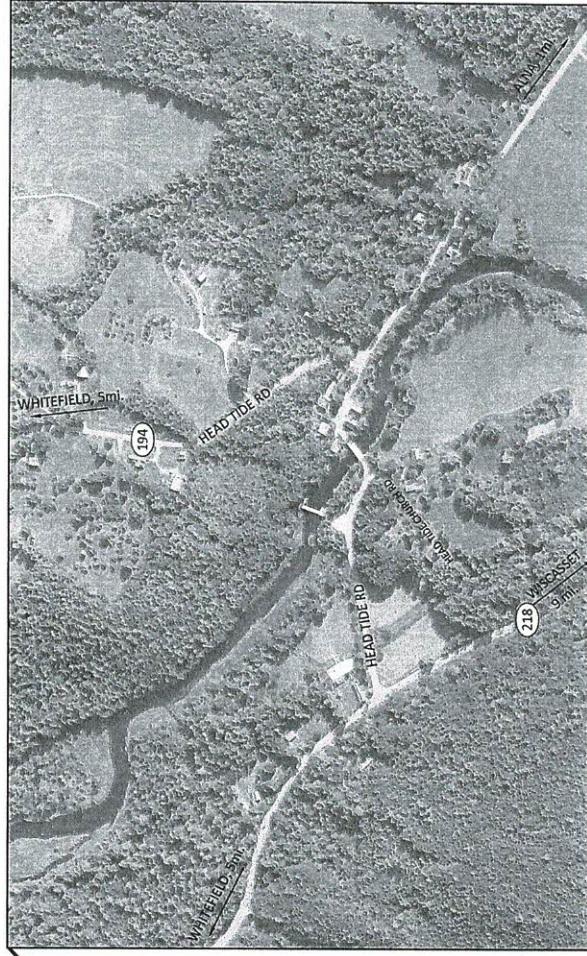
Name: DAMARISCOTTA
Date: 06/12/19
Scale: 1 inch = 1,000 ft.

Location: 44.115220° N, 69.624348° W
Caption: <>Type caption here.>>

**HEAD TIDE DAM MODIFICATION AND SITE ENHANCEMENT
SHEEPSHOT RIVER, ALNA, MAINE
RELEASED FOR BIDDING
12/13/18**



**LOCATION MAP
STATE OF MAINE**



SHEET LIST

SITE MAP
SCALE: 1" = 1/4 mile

COORDINATES:
LATITUDE N 44° 06' 54.37"
LONGITUDE W 69° 37' 26.24"
WATERBODY: SHEEPSHOT RIVER

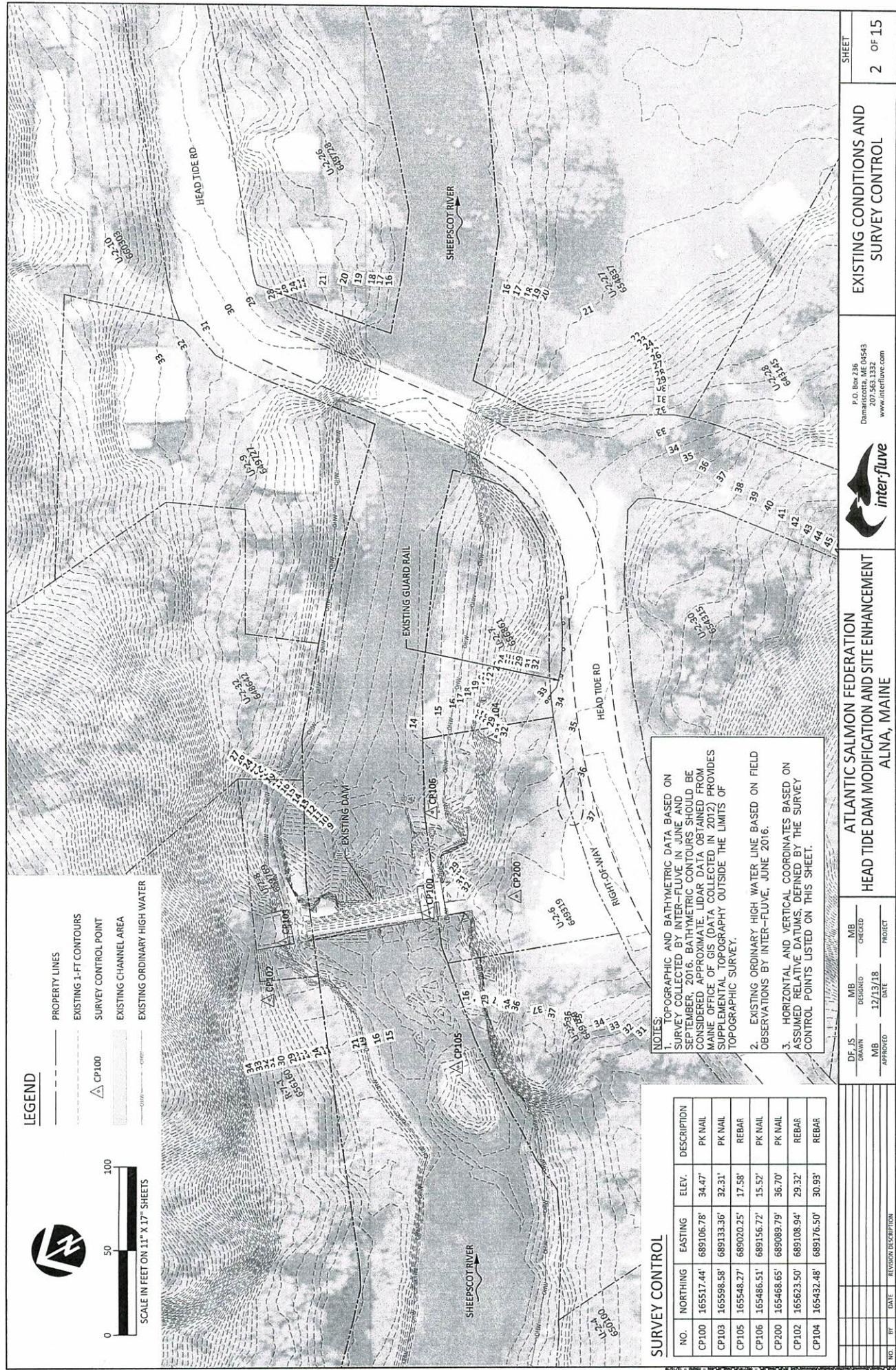
- 1 COVER, SHEET LIST AND LOCATION MAPS
- 2 EXISTING CONDITIONS AND SURVEY CONTROL
- 3 SITE PLAN
- 4 ACCESS, STAGING, SEQUENCING AND EROSION CONTROL
- 5 DAM MODIFICATION AND RIVER GRADING PLAN
- 6 CROSS SECTIONS
- 7 SITE IMPROVEMENTS PLAN
- 8 SITE IMPROVEMENTS TYPICAL DETAILS
- 9 EROSION CONTROL DETAILS
- 10 REVETMENT PLAN
- 11 S-1 - OVERLOOK PLATFORM PROJECT NOTES
- 12 S-2 - PLAN, ELEVATION & SECTIONS, OVERLOOK PLATFORM DEMOLITION
- 13 S-3 - PLAN & ELEVATION , OVERLOOK PLATFORM INSTALLATION
- 14 S-4 - GRATING AND FRAMING PLAN, PROFILE, SECTION, AND DETAILS
- 15 S-5 - CONCRETE PLAN & ELEVATION, OVERLOOK PLATFORM INSTALLATION

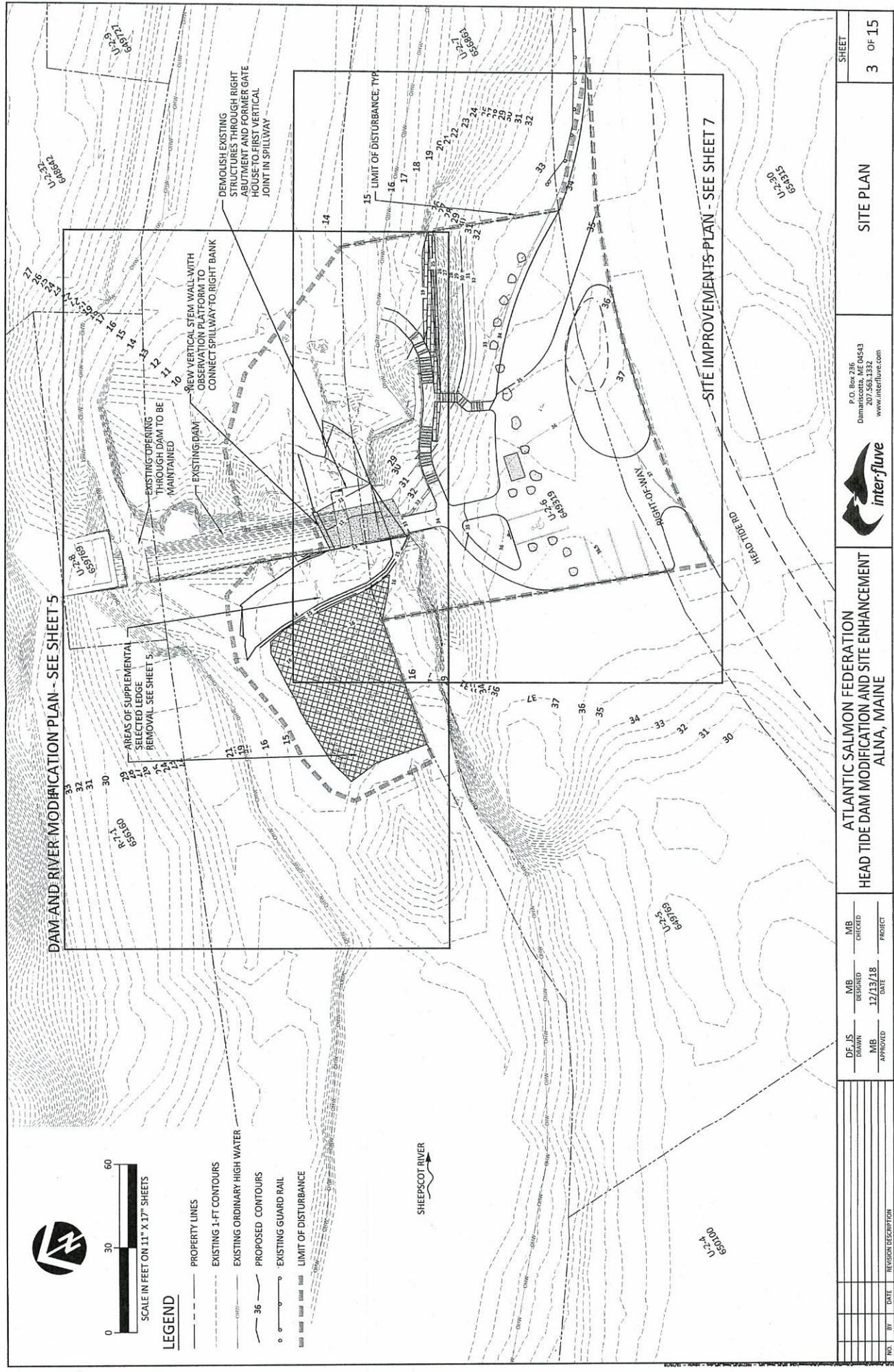
VICINITY MAP

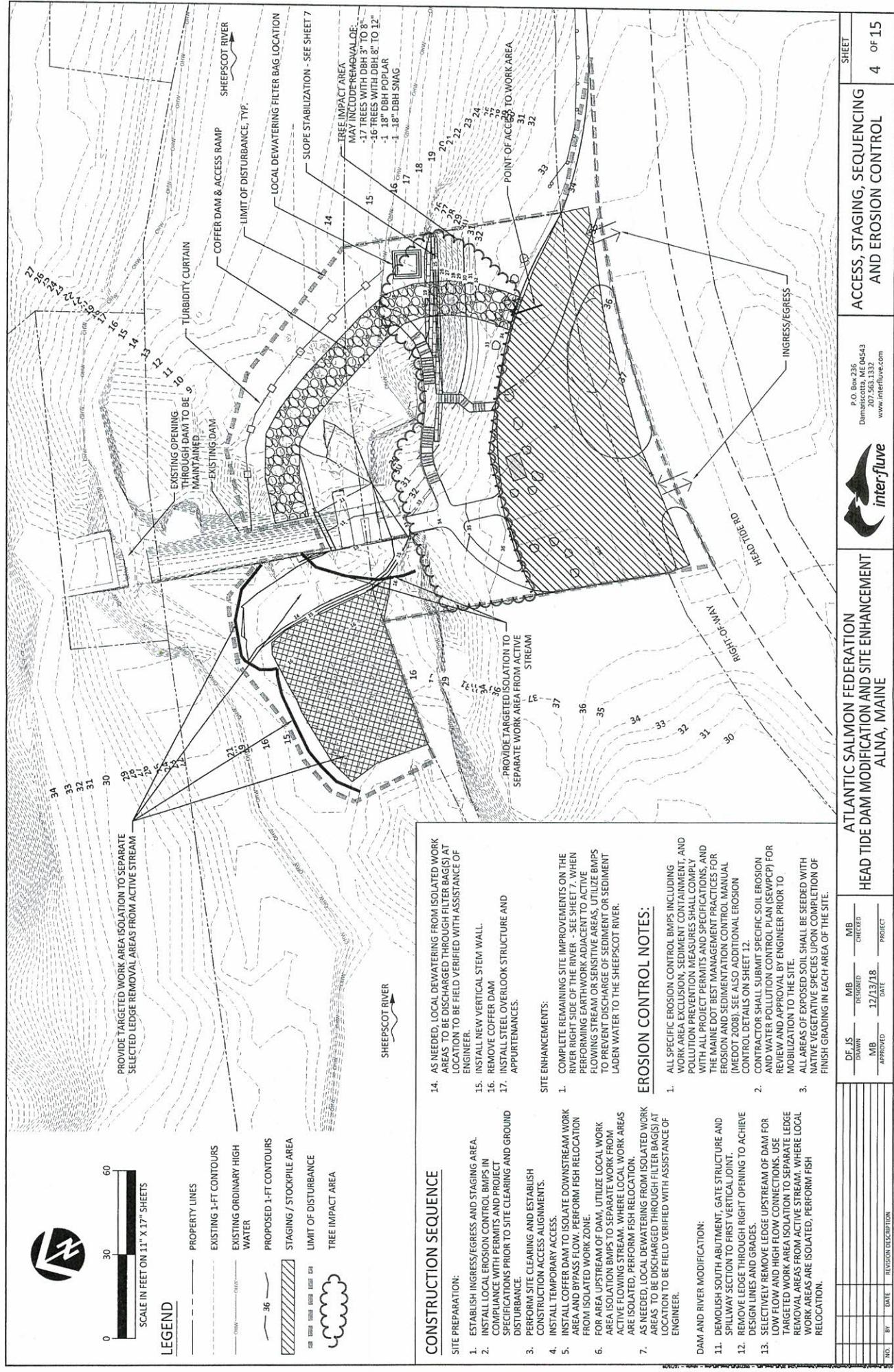
SCALE: 1" = 4 MILES

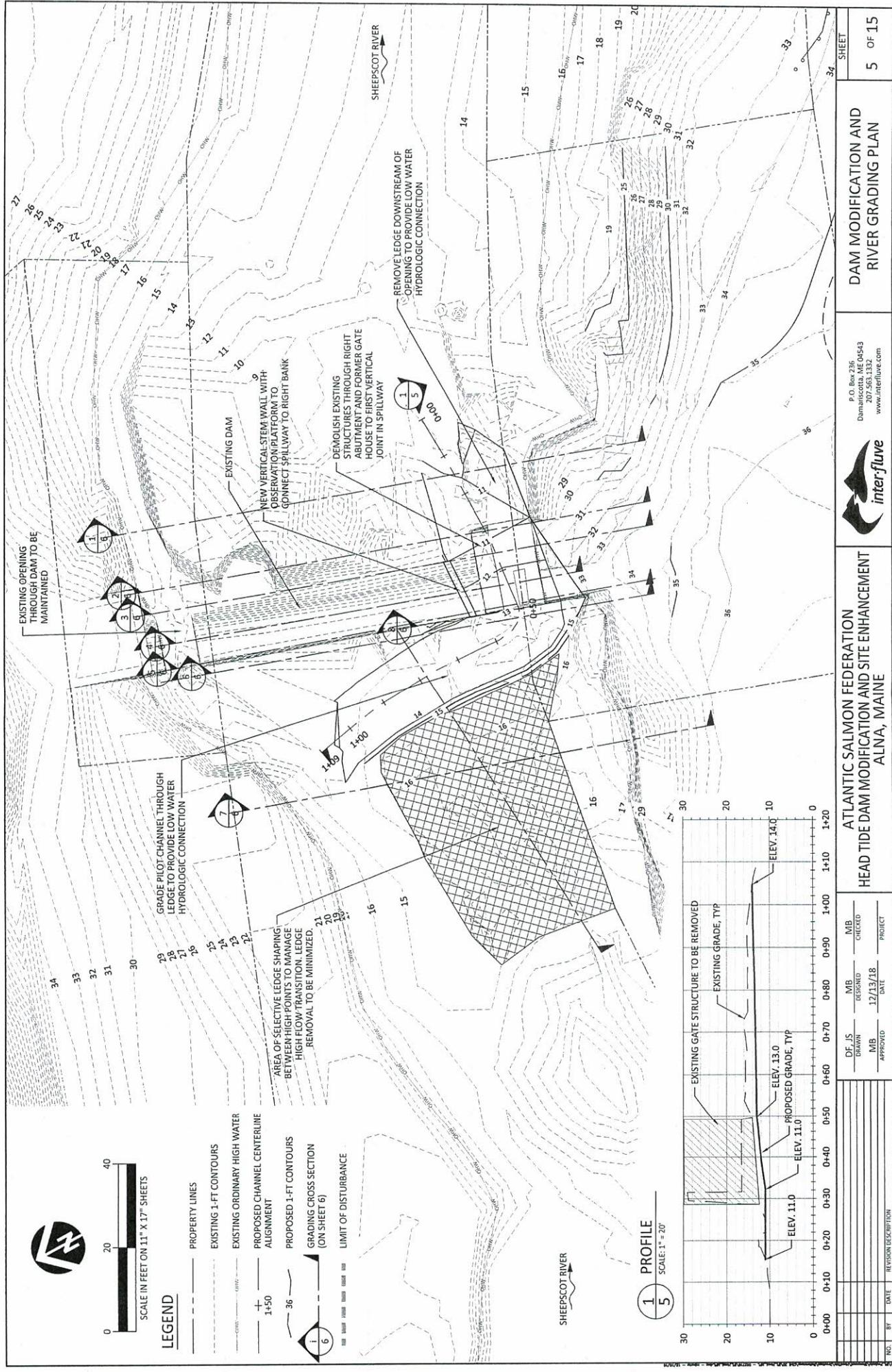
DIG SAFE: STATE LAW REQUIRES ANY PERSON PERFORMING EXCAVATION ON PRIVATE OR PUBLIC PROPERTY TO CALL DIG SAFE AT 1-888-DIG-SAFE OR 8-1-1. ALL EXCAVATIONS SHALL BE ACCOMPLISHED IN ACCORDANCE WITH MAINE DIG SAFE LAW.

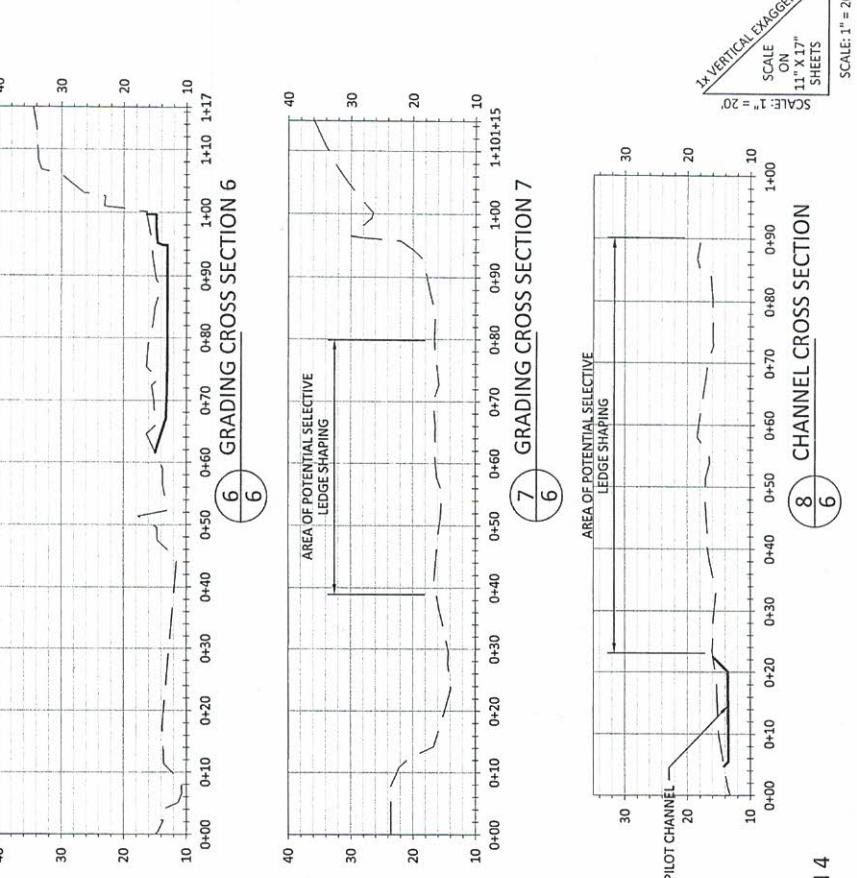
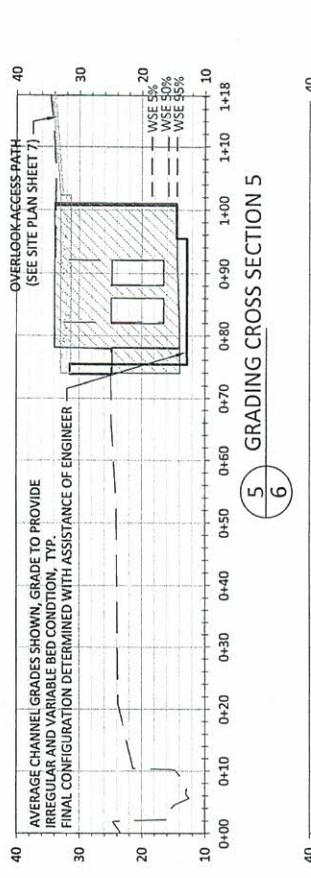
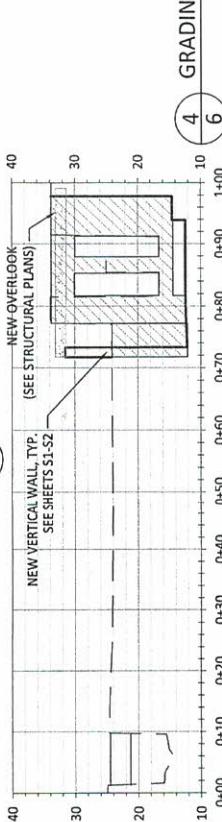
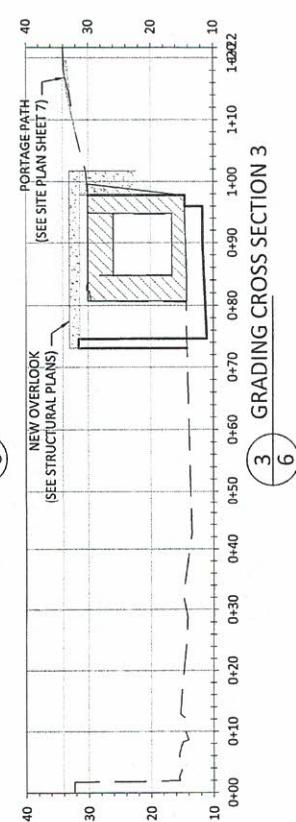
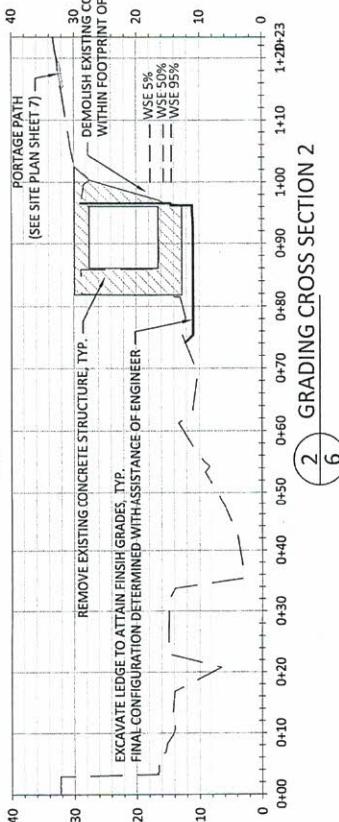
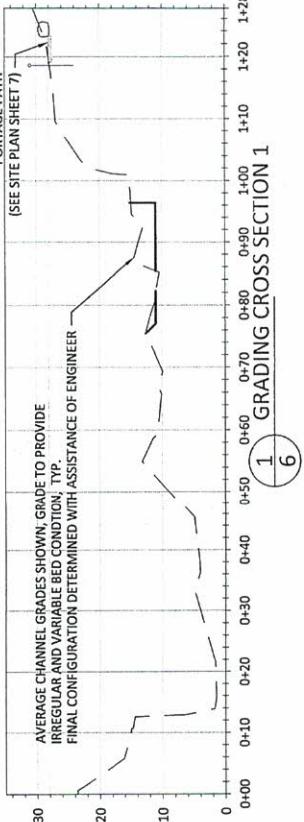
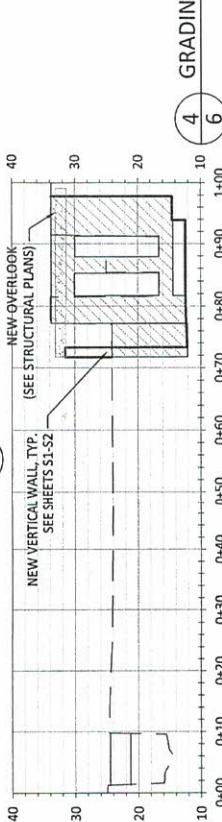
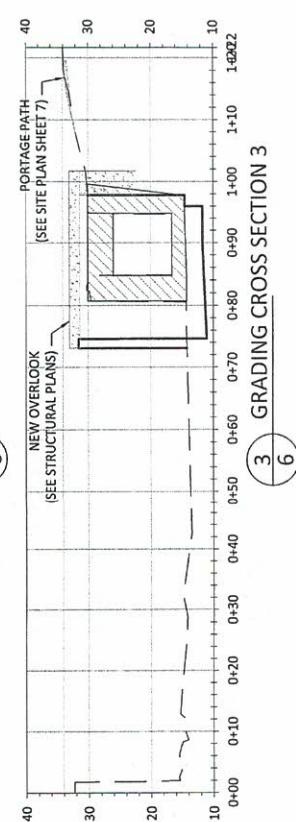
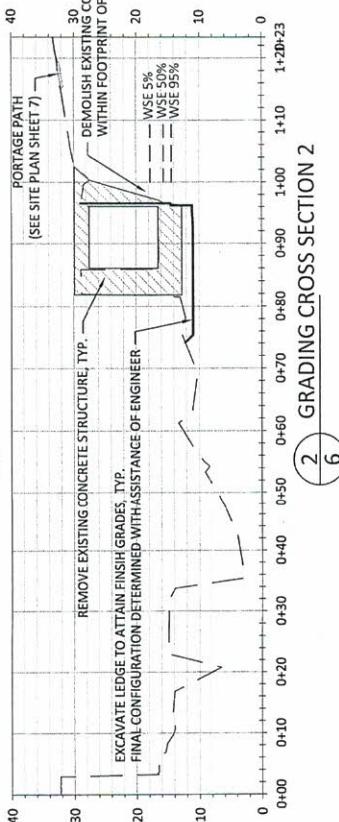
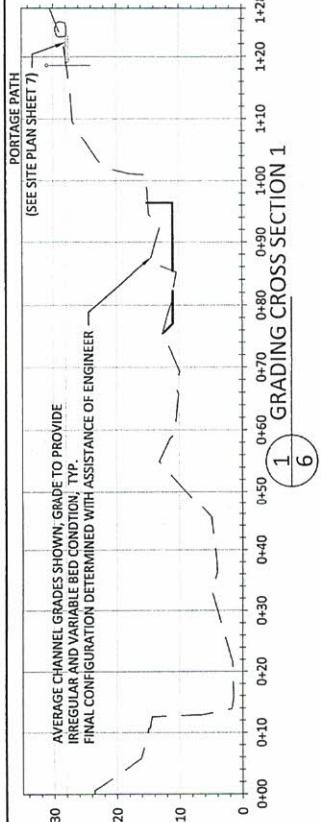
ATLANTIC SALMON FEDERATION HEAD TIDE DAM MODIFICATION AND SITE ENHANCEMENT ALNA, MAINE				inter-fluve		COVER, SHEET LIST AND LOCATION MAPS		SHEET 1 OF 15	
P.O. Box 256 Damariscotta, ME 04543 207-563-1332 www.inter-fluve.com									
DATE 12/13/18		DESIGNED MB		MB CHECKED		PROJECT			
APPROVED Date									
NO.		BY		DATE		REVISION DESCRIPTION			











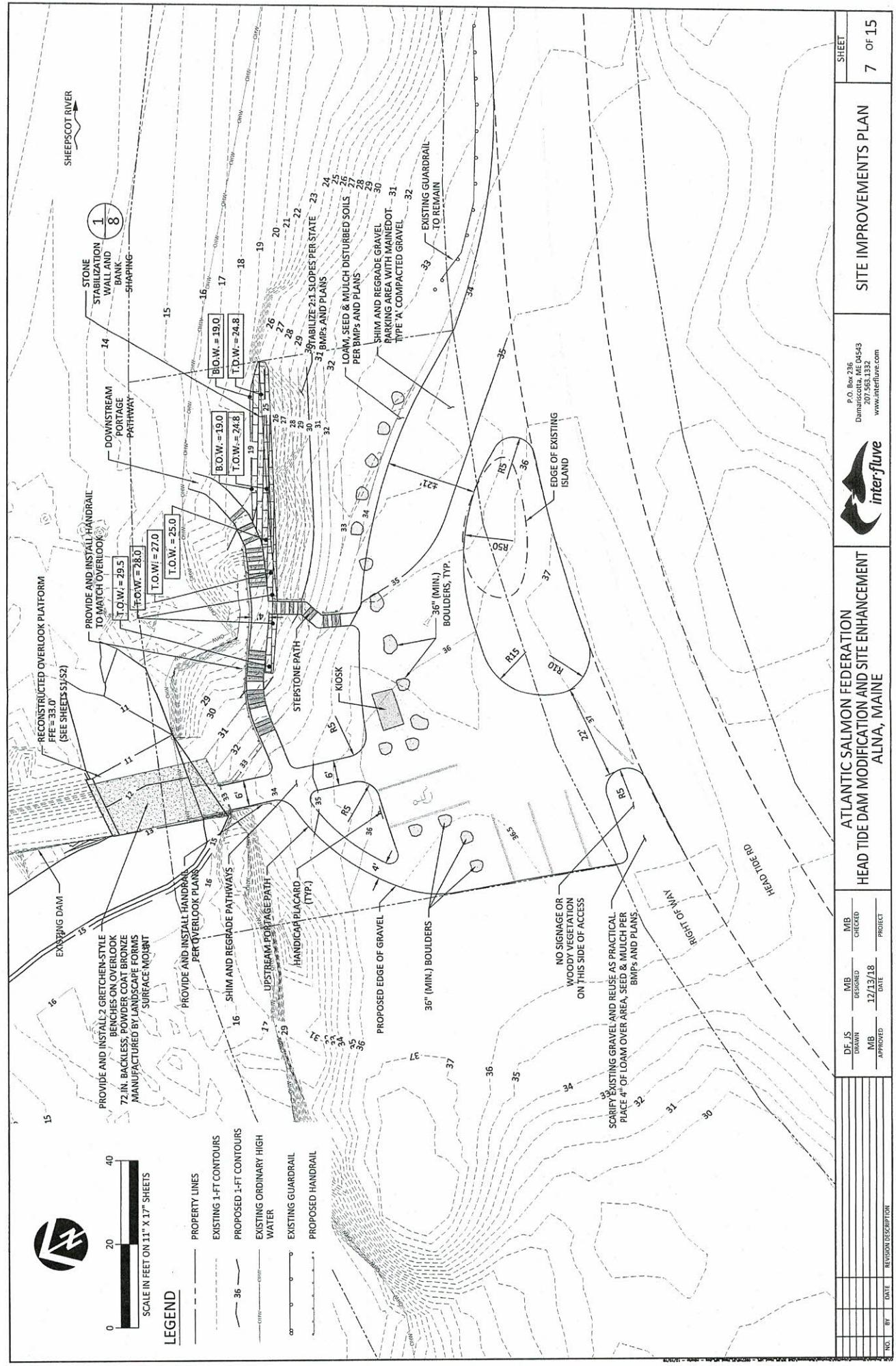
DEF. IS	MB	MB	ATLANTIC SALMON FEDERATION	SHEET
DRAWN	DESIGNED	CHECKED	HEAD TIDE DAM MODIFICATION AND SITE ENHANCEMENT	6 OF 15
APPROVED	DATE	PROJECT	ALNA, MAINE	

No. By Date Revision Description

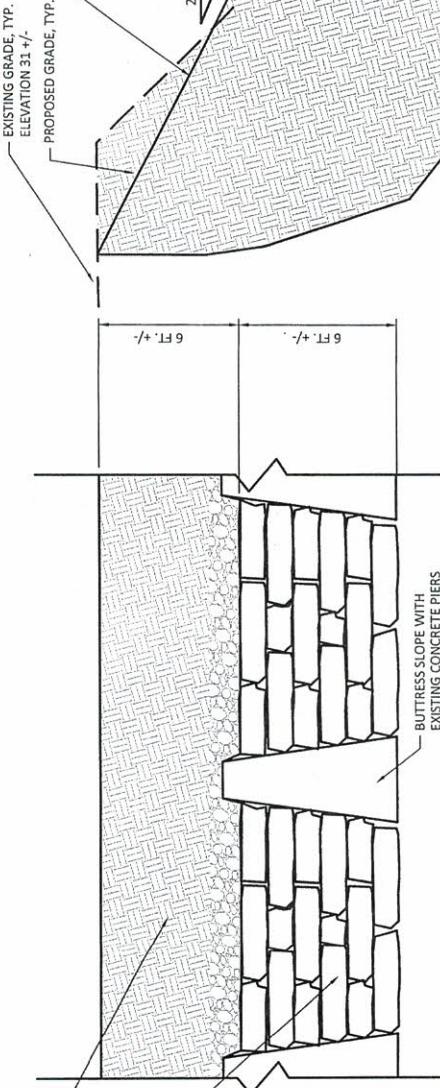


Interflue

P.O. Box 236-D
Damariscotta, ME 04543
207.563.1330
www.interflue.com



UPPER GRADED SLOPE,
2:1 OR FLATTER
CONSTRUCT WALL WITH
SAVAGED AND NEW
STONE FOLLOWING
TYPICAL TRADITIONAL
DRY-LAID MASONRY
PRACTICES

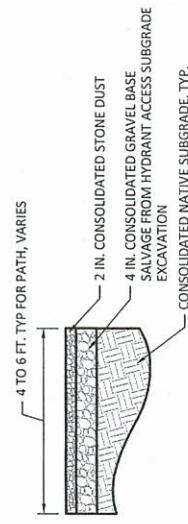


1 TYPICAL ELEVATION - SLOPE STABILIZATION

SCALE: 1" = 2'

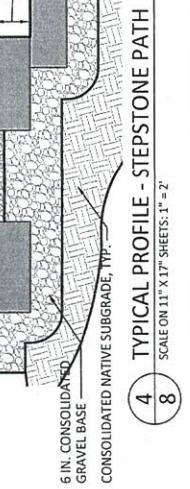
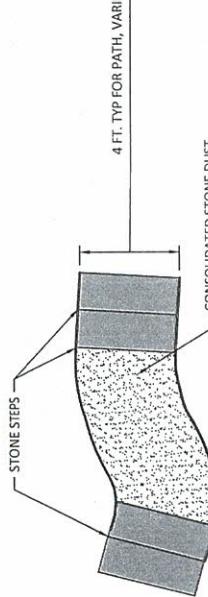
2 TYPICAL SECTION - SLOPE STABILIZATION

SCALE ON 11" X 17" SHEETS: 1" = 5'



3 TYPICAL PLAN - STEPSTONE PATH

SCALE: 1" = 5'

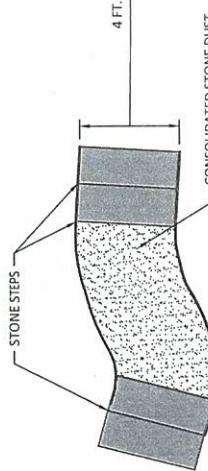


4 TYPICAL PROFILE - STEPSTONE PATH

SCALE ON 11" X 17" SHEETS: 1" = 2'

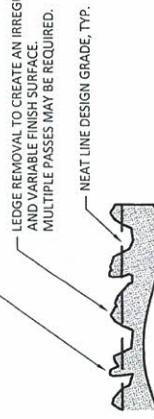
5 TYPICAL SECTION - ACCESS PATH AND PEDESTRIAN SURFACING

SCALE ON 11" X 17" SHEETS: 1" = 2'



6 TYPICAL SECTION - BED VARIABILITY

SCALE ON 11" X 17" SHEETS: 1" = 2'

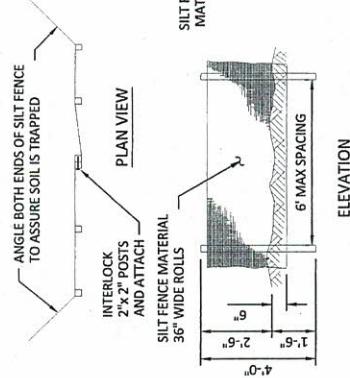


SITE IMPROVEMENT NOTES:
1. ACCENT STONES TO BE PLACED INTERMITTENTLY AND BLENDED WITH OTHER LANDSCAPE ELEMENTS. LOCATIONS TO BE CONFIRMED AT TIME OF CONSTRUCTION
WITH ASSISTANCE OF ENGINEER
2. FINAL LAYOUT OF ALL SITE IMPROVEMENT ELEMENTS TO BE ADJUSTED AND CONFIRMED BY ENGINEER AT TIME OF CONSTRUCTION, FOLLOWING DEMOLITION ACTIVITY.

SITE IMPROVEMENTS TYPICAL DETAILS		SITE IMPROVEMENTS TYPICAL DETAILS		SITE IMPROVEMENTS TYPICAL DETAILS	
No. By Date Revision Revision		P.O. Box 256, Megalithic, ME 04543 207.563.1332 www.interfluve.com		P.O. Box 256, Megalithic, ME 04543 207.563.1332 www.interfluve.com	

SHEET

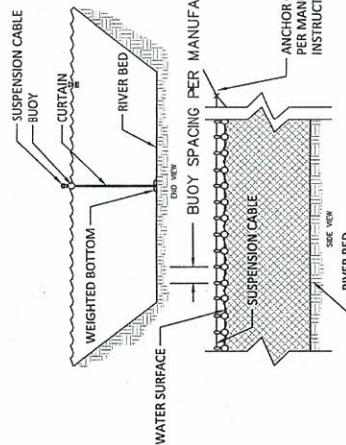
8 OF 15



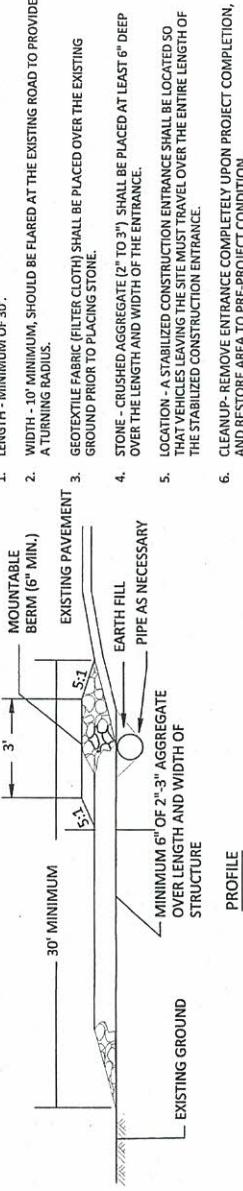
NOTES:

1. THE SILT FENCE IS TO BE INSTALLED AT LOCATIONS SHOWN ON THE PLAN, AND AS REQUIRED TO PREVENT DISCHARGE OF SOIL AND DEBRIS TO ADJACENT AREAS. THE FENCE POSTS SHALL BE SPACED A MAXIMUM OF 6 FEET APART AND DRIVEN SECURELY INTO THE GROUND A MINIMUM OF 18 INCHES.
2. SILT FENCE SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS, APPLICABLE EROSION CONTROL BMAPS AND REGULATIONS, AND/OR AS INDICATED.
3. SILT FENCES SHALL BE REMOVED UPON COMPLETION, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.

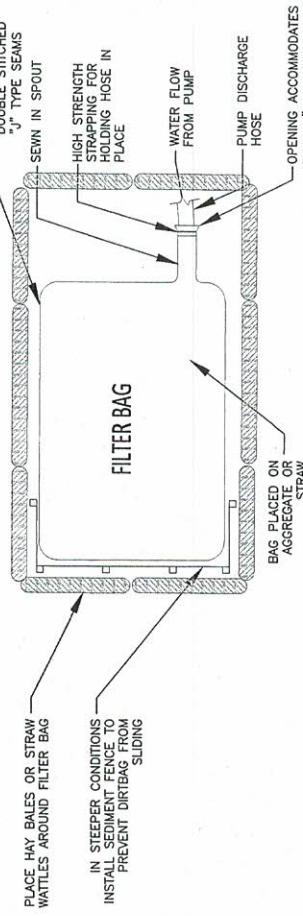
DETAIL - TYPICAL SILT FENCE



DETAIL - TURBIDITY CURTAIN



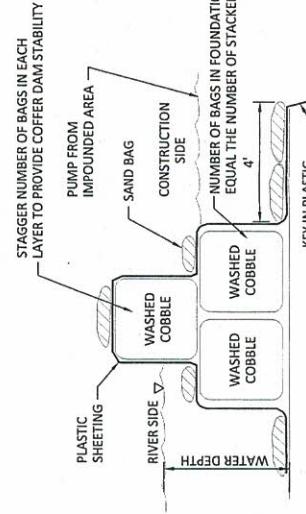
DETAIL - STABILIZED CONSTRUCTION ENTRANCE



NOTES:

1. AVOID PLACEMENT OF THE FILTER BAG ABOVE STEEP SLOPES OR WHERE SATURATED SOIL CONDITIONS MAY CAUSE SOIL INSTABILITY.
2. INSTALL THE FILTER BAG ON A MILD SLOPE SO INCOMING WATER FLOWS DOWNHILL THROUGH THE BAG. PLACEMENT IN A DUMP TRUCK OR ON A TRAILER MAY FACILITATE DISPOSAL IF CAPTURED SEDIMENT IS TO BE HAULED OFF SITE.
3. THE FILTER BAG IS FULL WHEN IT NO LONGER CAN EFFICIENTLY FILTER SEDIMENT OR PASS WATER AT A REASONABLE RATE. DISPOSE OF THE FILTER BAG WHEN FULL.

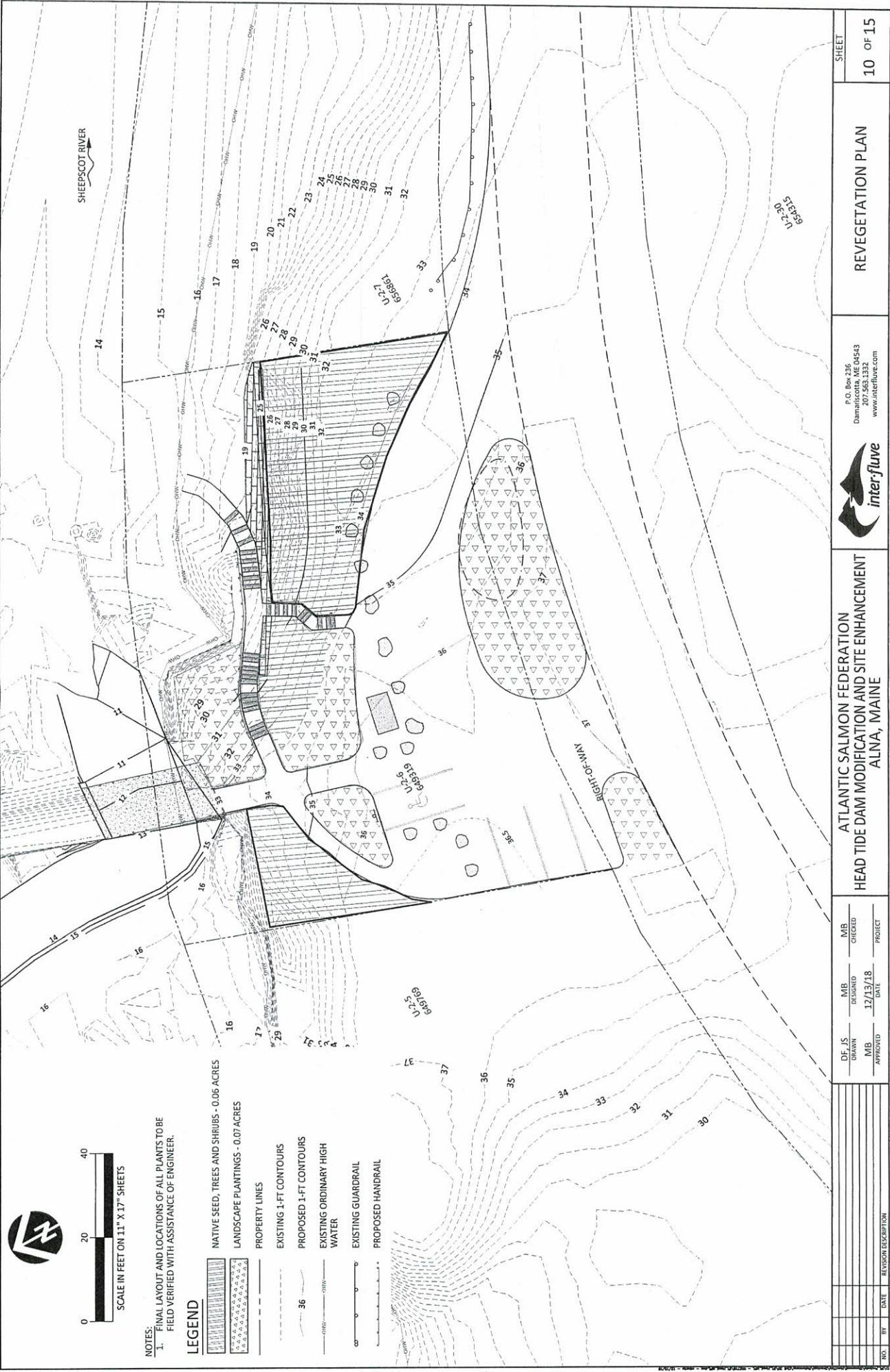
DETAIL - PUMP DISCHARGE FILTER BAG

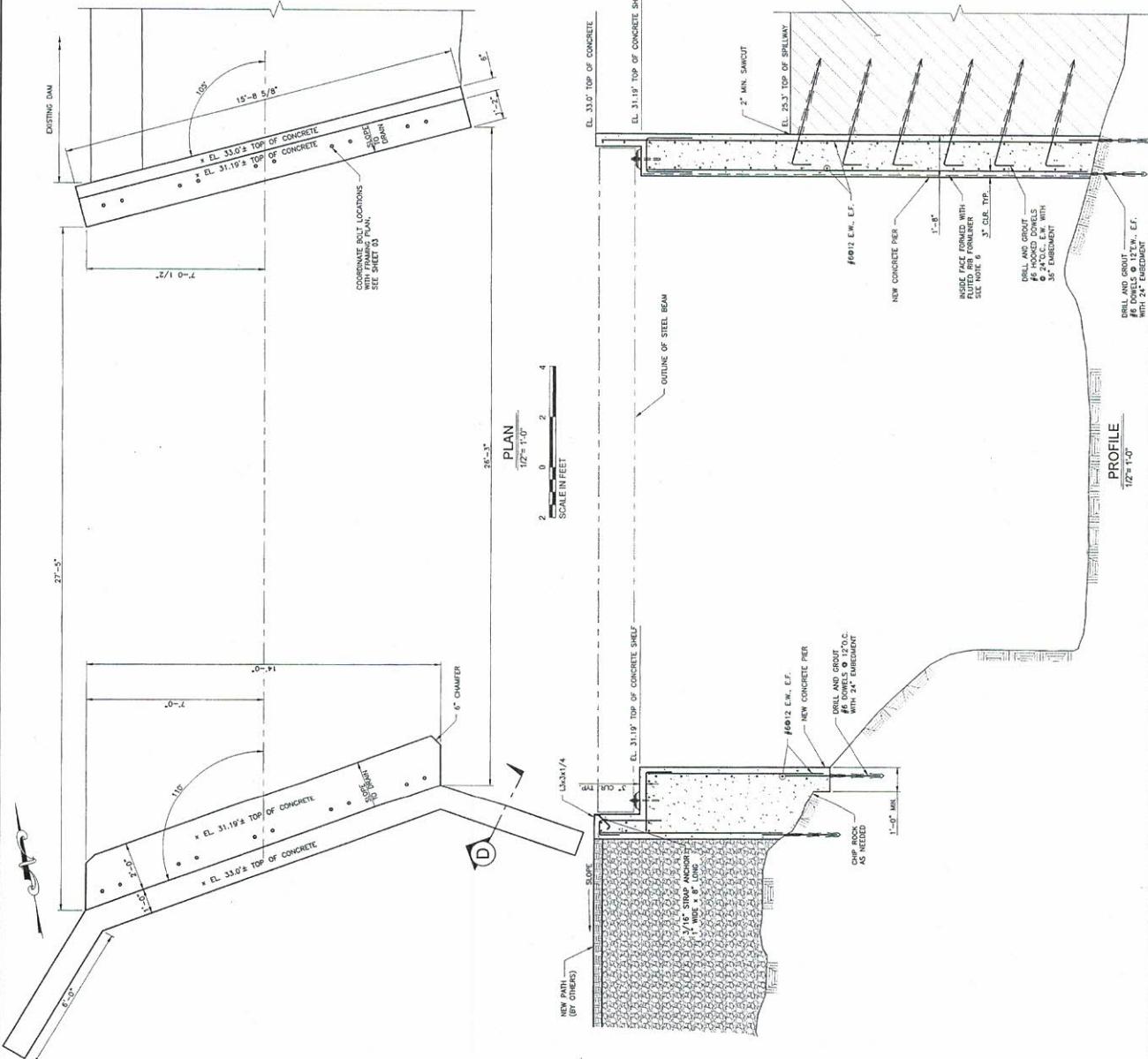


DETAIL - STACKED BULK BAG COFFERDAM

COFFER DAM WITH TEMPORARY ACCESS
(ALTERNATIVE MATERIALS OF CONSTRUCTION MAY BE PROPOSED FOR REVIEW AND APPROVAL)

DF. JS	MB	MB	ATLANTIC SALMON FEDERATION	P.O. Box 236
DRAWN	DESIGNED	CHECKED	HEAD TIDE DAM MODIFICATION AND SITE ENHANCEMENT	Damariscotta, ME 04443
MB	12/13/08	PROJECT	ALNA, MAINE	207.563.1332 www.interflue.com
APPROVED	DATE			
NO.	BY	REVISION DESCRIPTION		
				SHEET
				9 OF 15





24x36 = FULL SCALE 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100