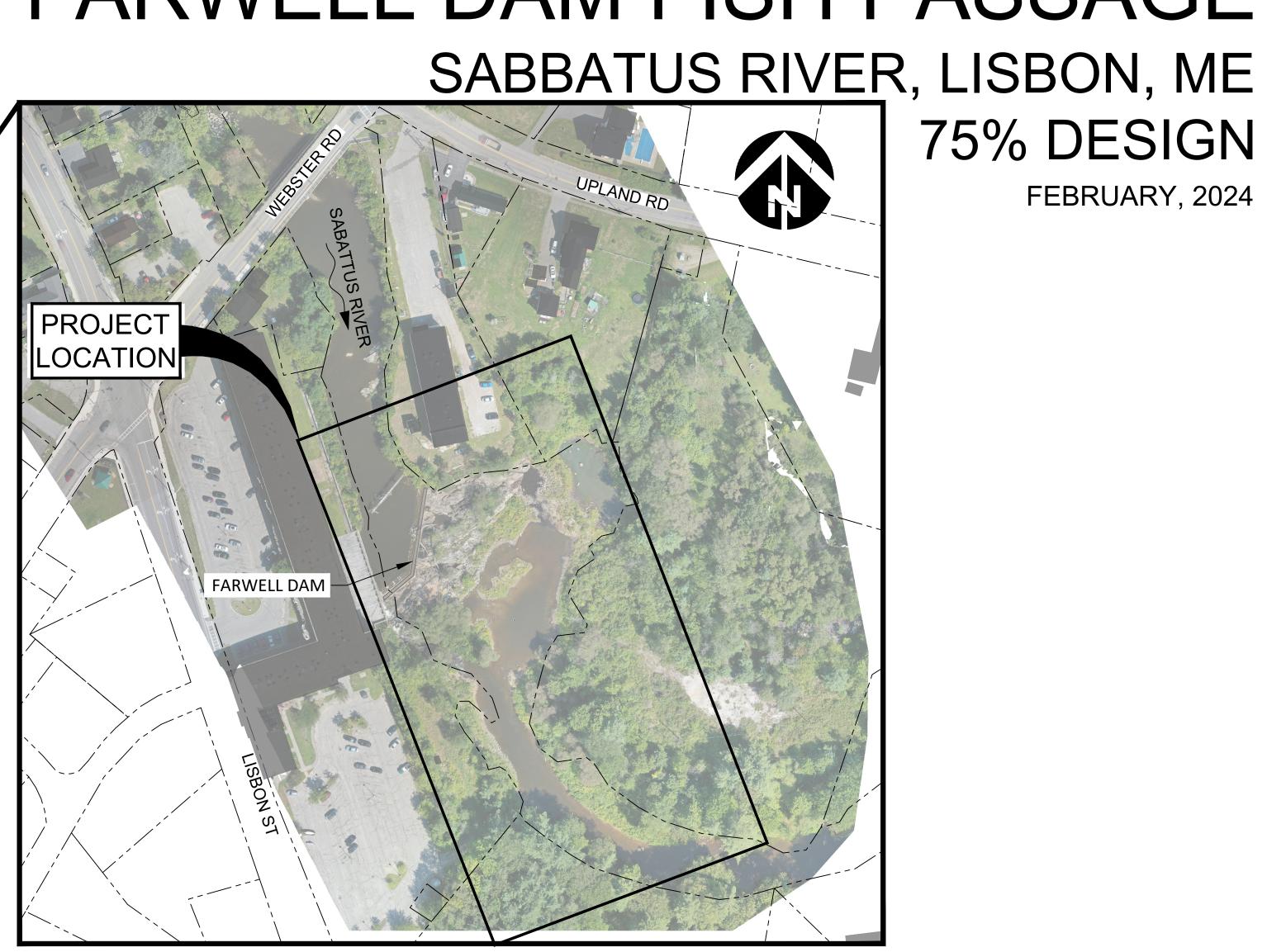


# FARWELL DAM FISH PASSAGE



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MAINE DEPT. MARINE RESOURCES FARWELL DAM FISH PASSAGE LISBON, ME



165 Main Street, Suite 2B Damariscotta, ME 04543 207.315.7014 www.interfluve.com

SITE MAP SCALE: 1"=100'

COVER SHEET, LOCATION MAP,
AND SHEET INDEX

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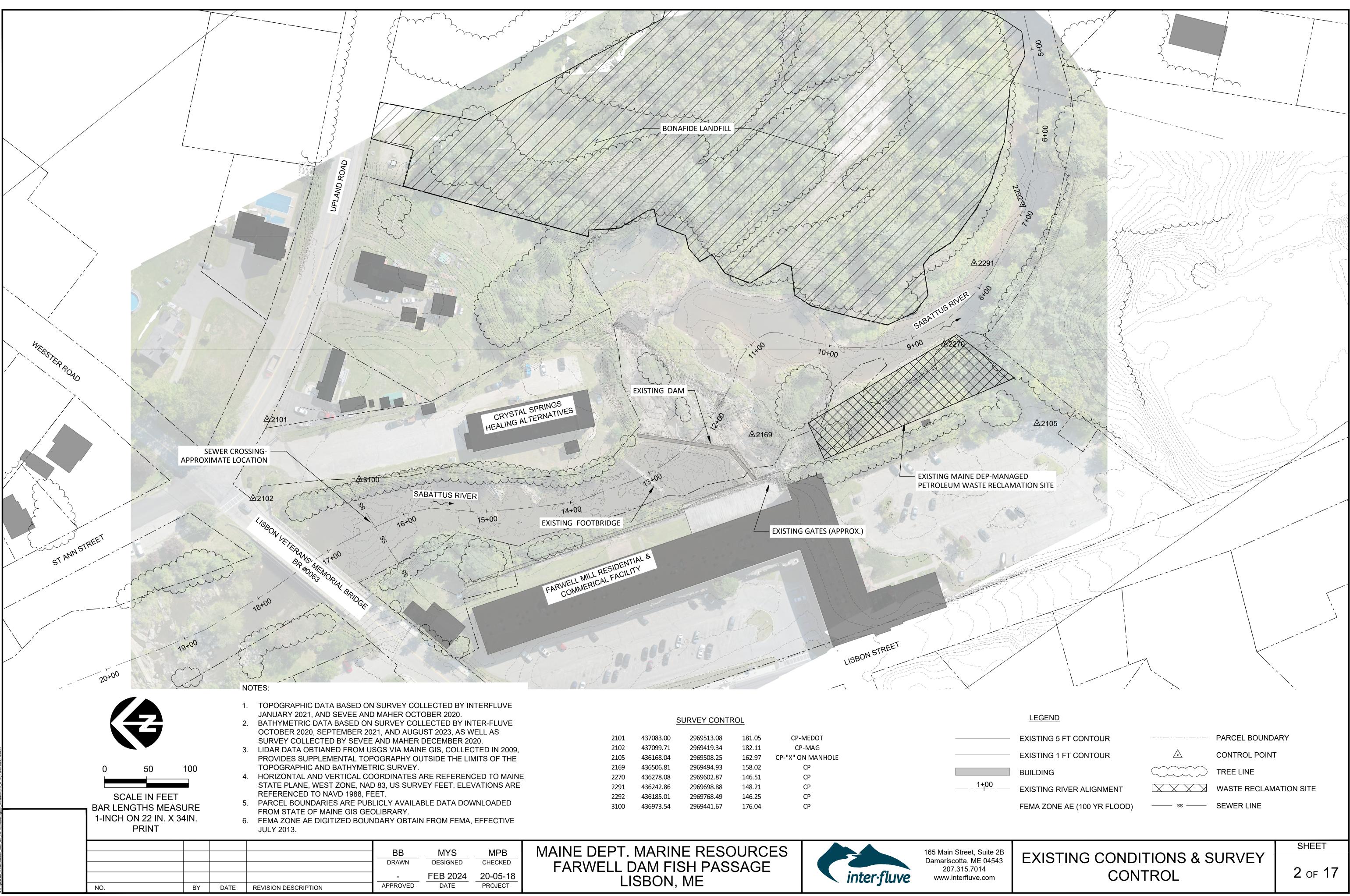
SHEET

WATERBODY: SABATTUS RIVER TRIBUTARY OF: ANDROSCOGGIN RIVER

75% DESIGN

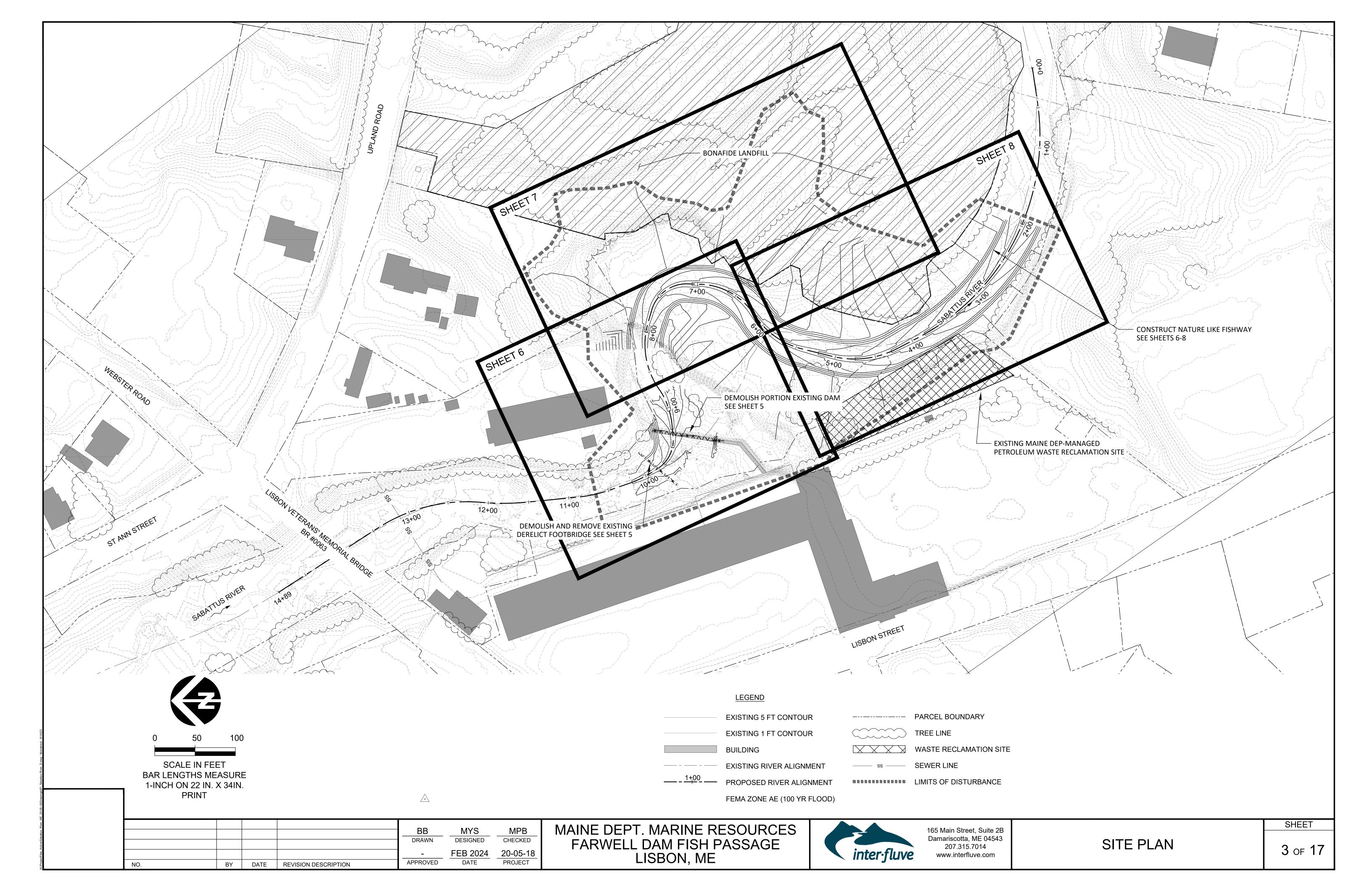
FEBRUARY, 2024

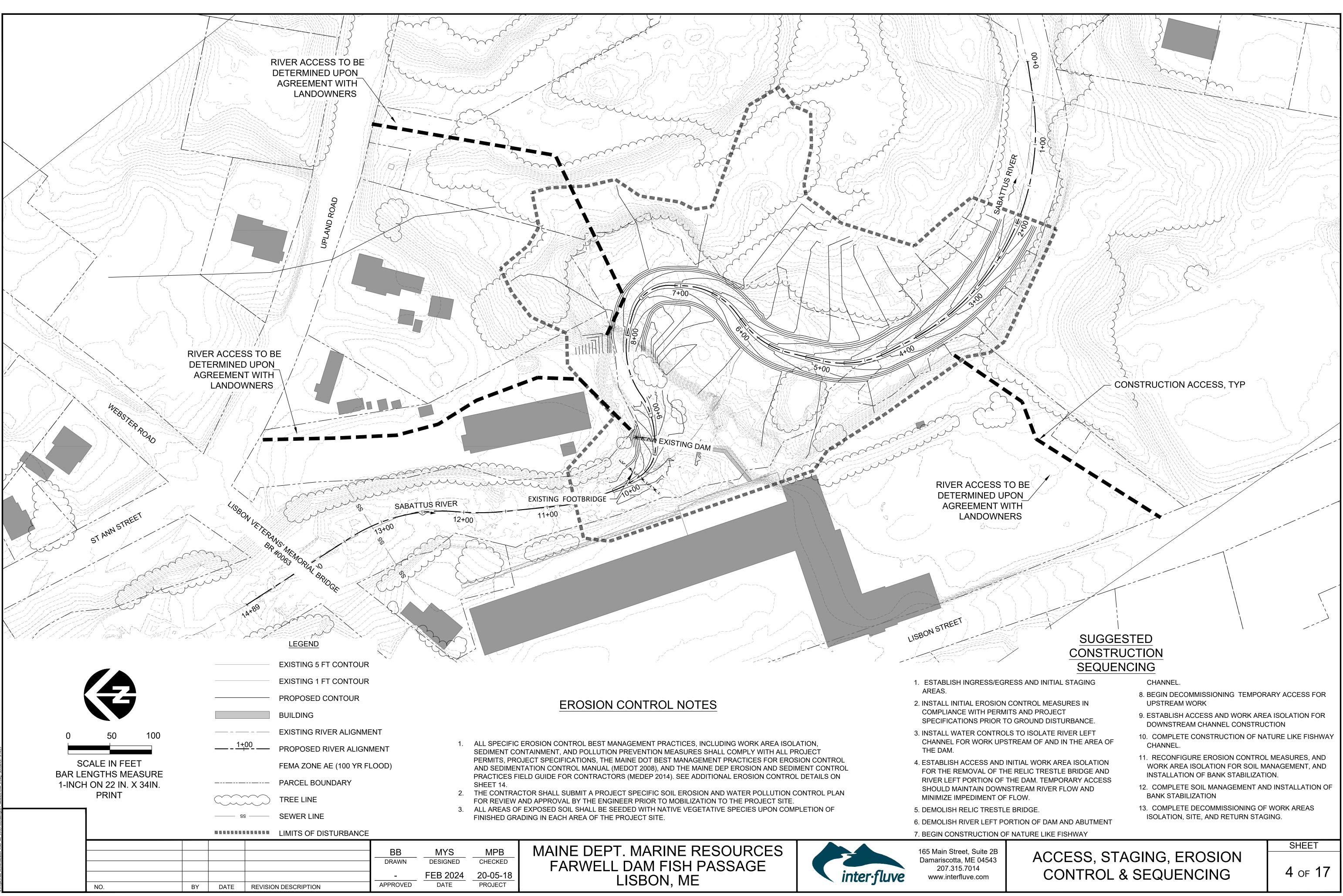
COORDINATES: LATITUDE: 44°01'51.71" N LONGITUDE: 70°06'10.95" W



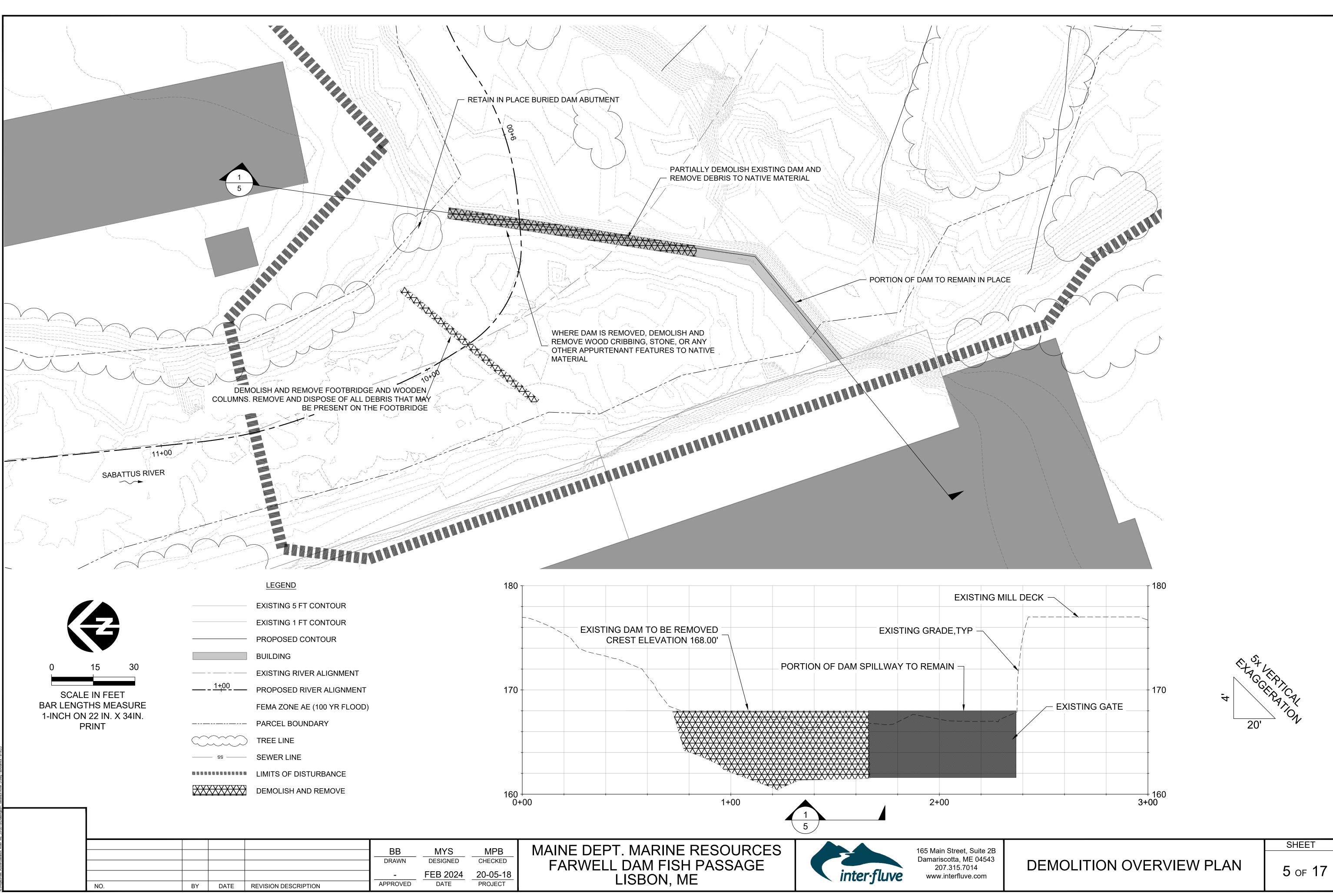
SUR\	/EY	CON	TROI

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0.	2101	437083.00	2969513.08	181.05	CP-MEDOT	-
ED IN 2009,	2102	437099.71	2969419.34	182.11	CP-MAG	
TS OF THE	2105	436168.04	2969508.25	162.97	CP-"X" ON MANHOLE	-
	2169	436506.81	2969494.93	158.02	СР	1
ED TO MAINE	2270	436278.08	2969602.87	146.51	СР	l
ATIONS ARE	2291	436242.86	2969698.88	148.21	СР	
	2292	436185.01	2969768.49	146.25	СР	
NLOADED	3100	436973.54	2969441.67	176.04	СР	

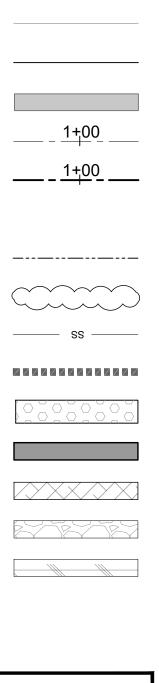




MPB HECKED D-05-18 ROJECT	MAINE DEPT. MARINE RESOURCES FARWELL DAM FISH PASSAGE LISBON, ME	inter



# LEGEND



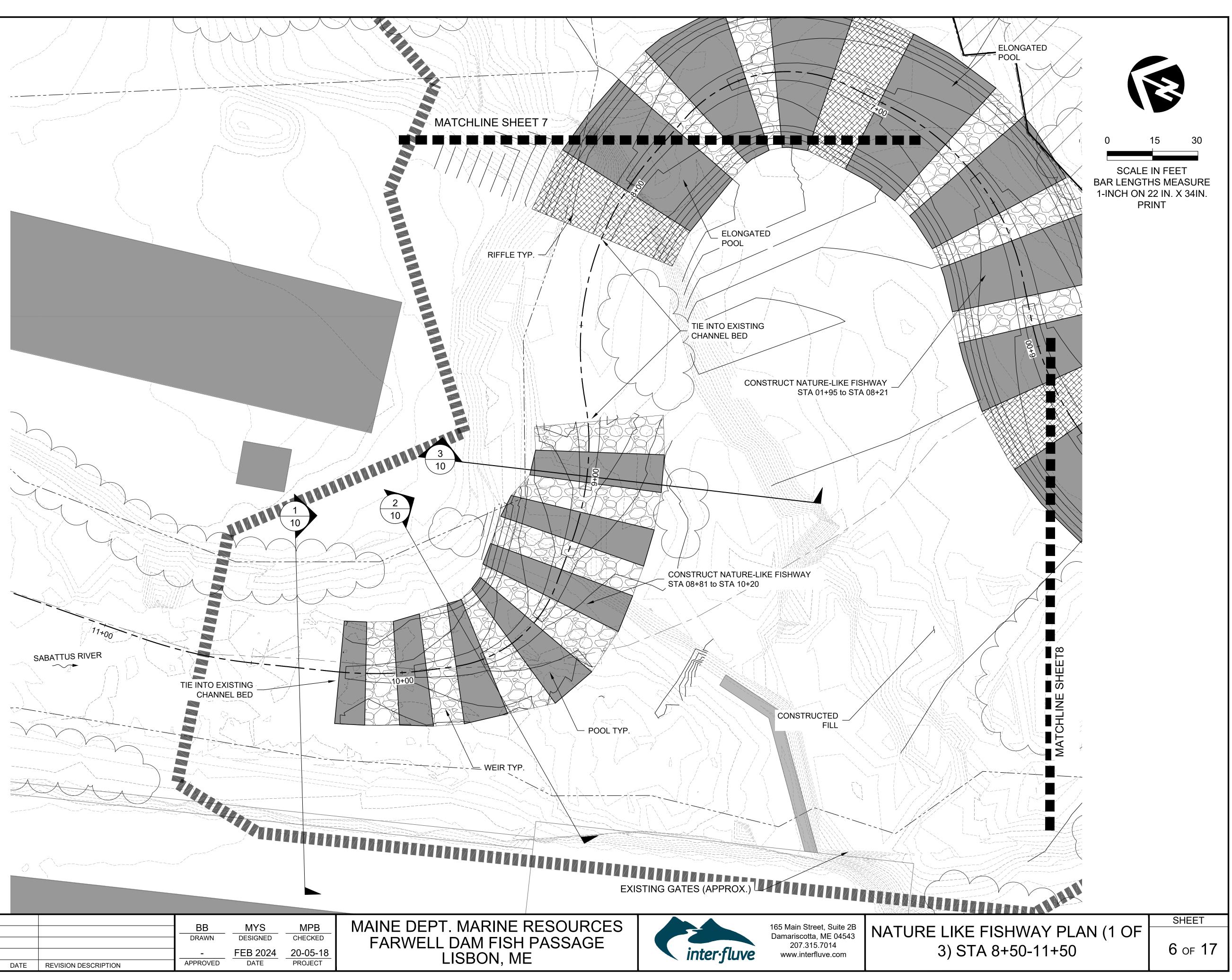
**EXISTING 5 FT CONTOUR** EXISTING 1 FT CONTOUR PROPOSED CONTOUR BUILDING

EXISTING RIVER ALIGNMENT FEMA ZONE AE (100 YR FLOOD) PARCEL BOUNDARY TREE LINE

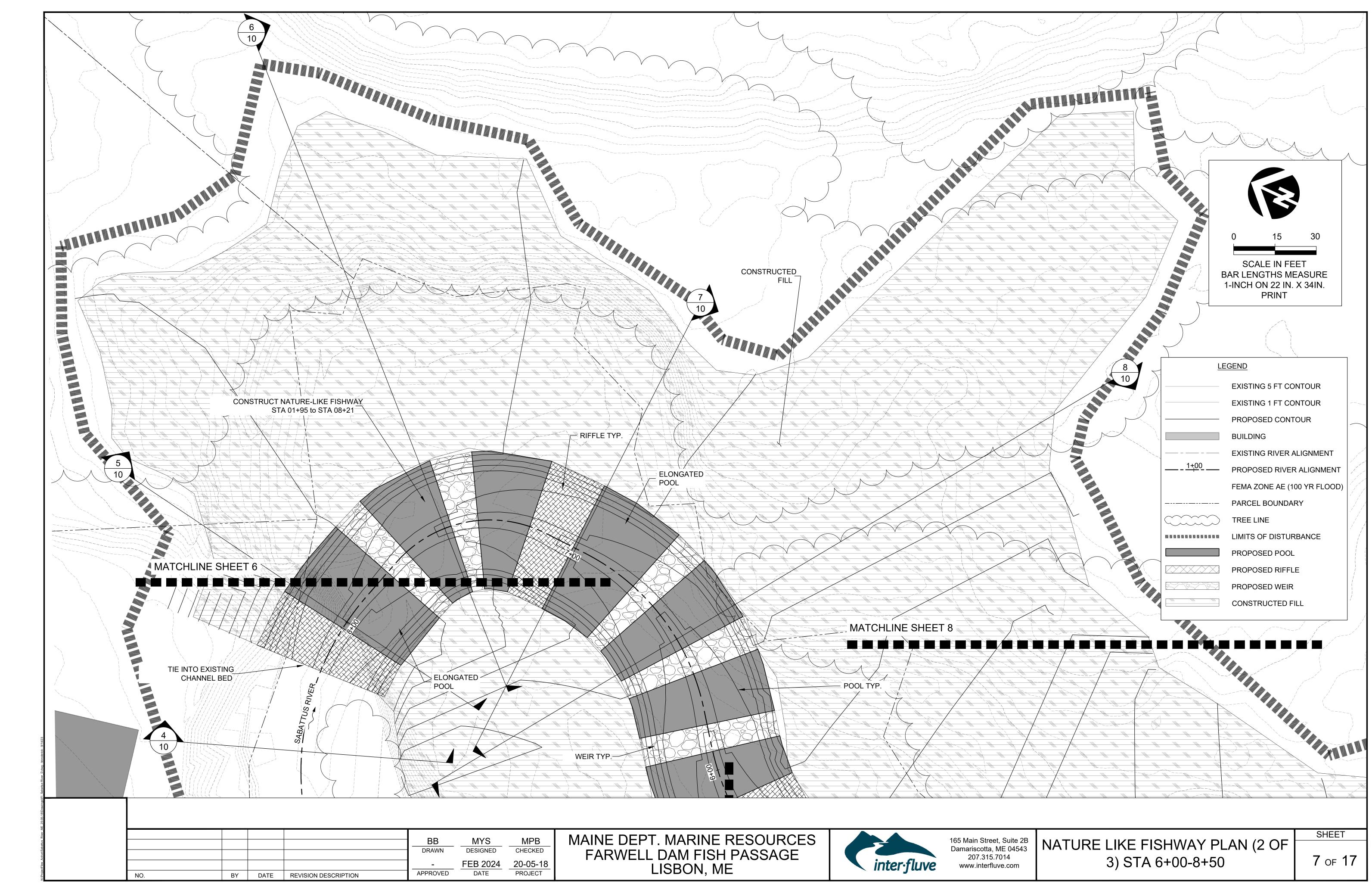
SEWER LINE

NO.

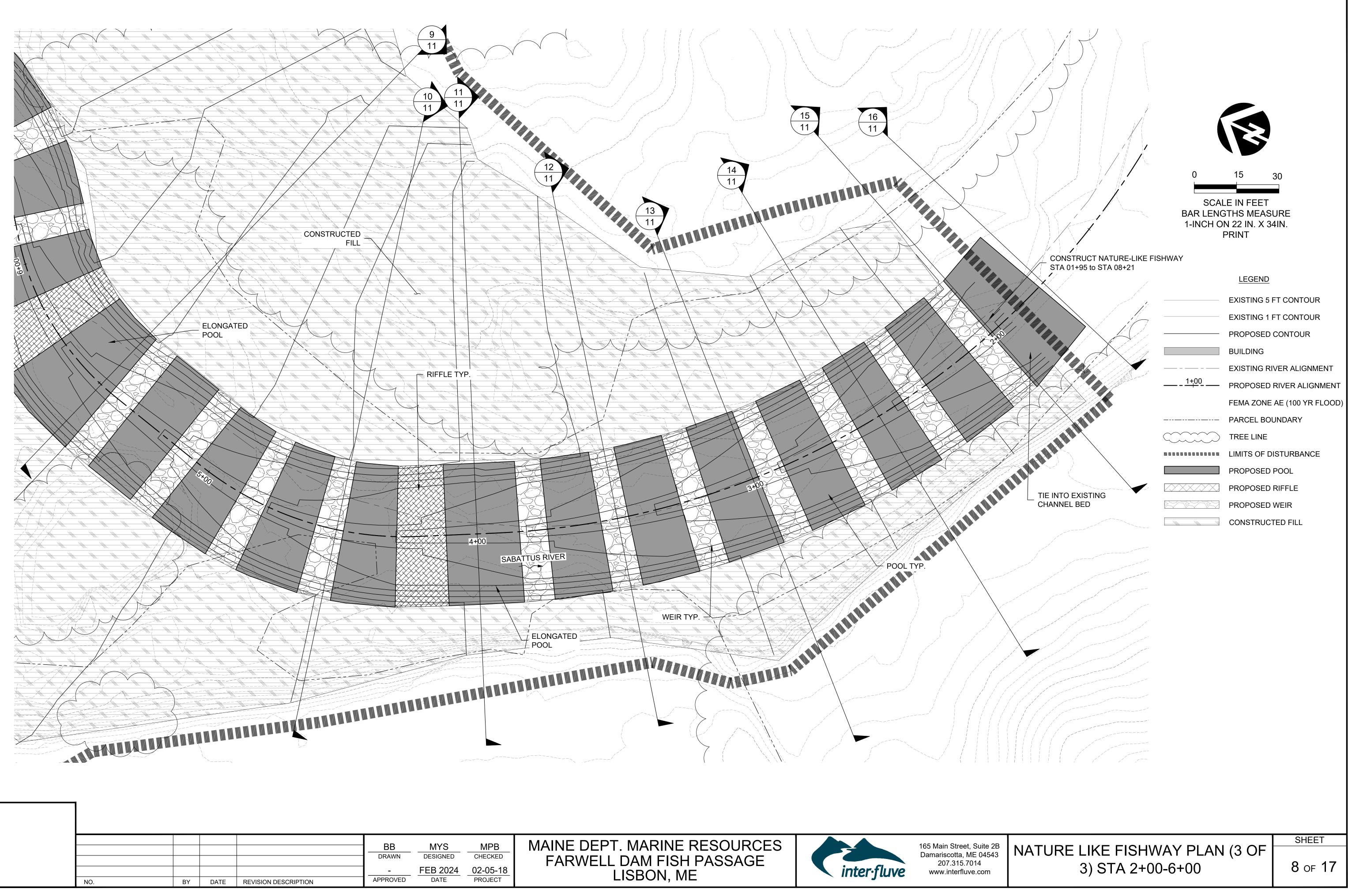
LIMITS OF DISTURBANCE DEMOLISH AND REMOVE PROPOSED POOL PROPOSED RIFFLE PROPOSED WEIR CONSTRUCTED FILL

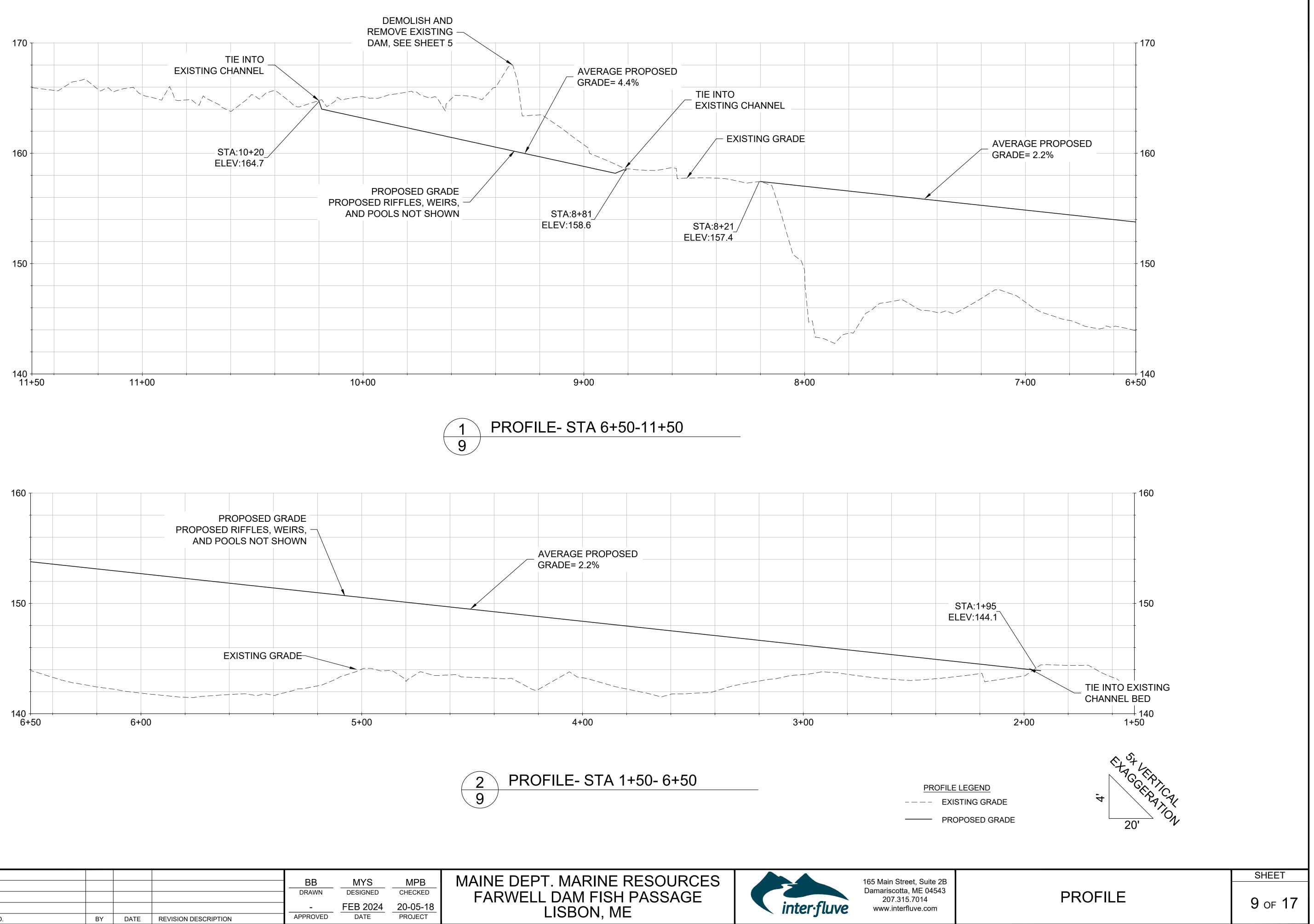


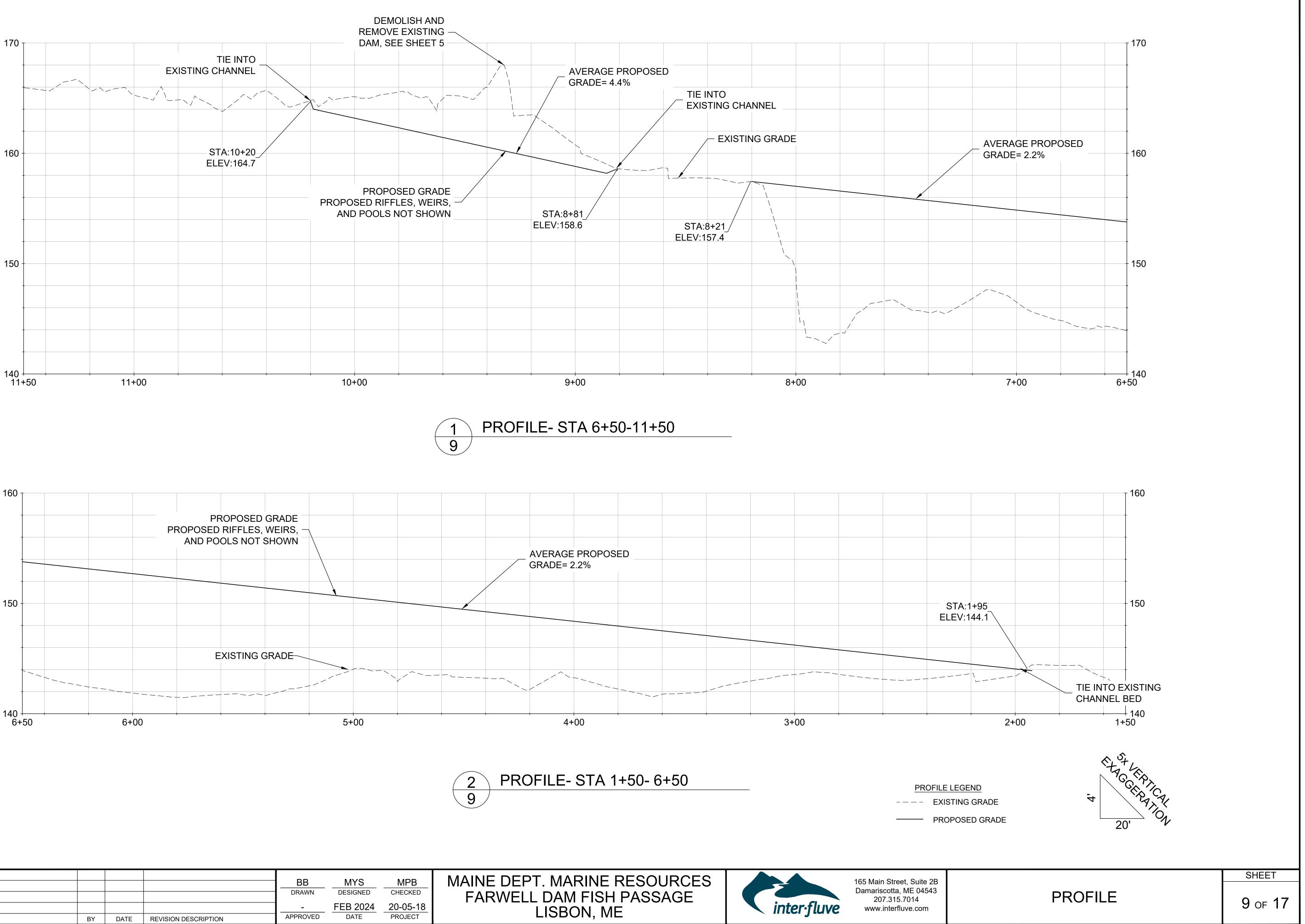
BY



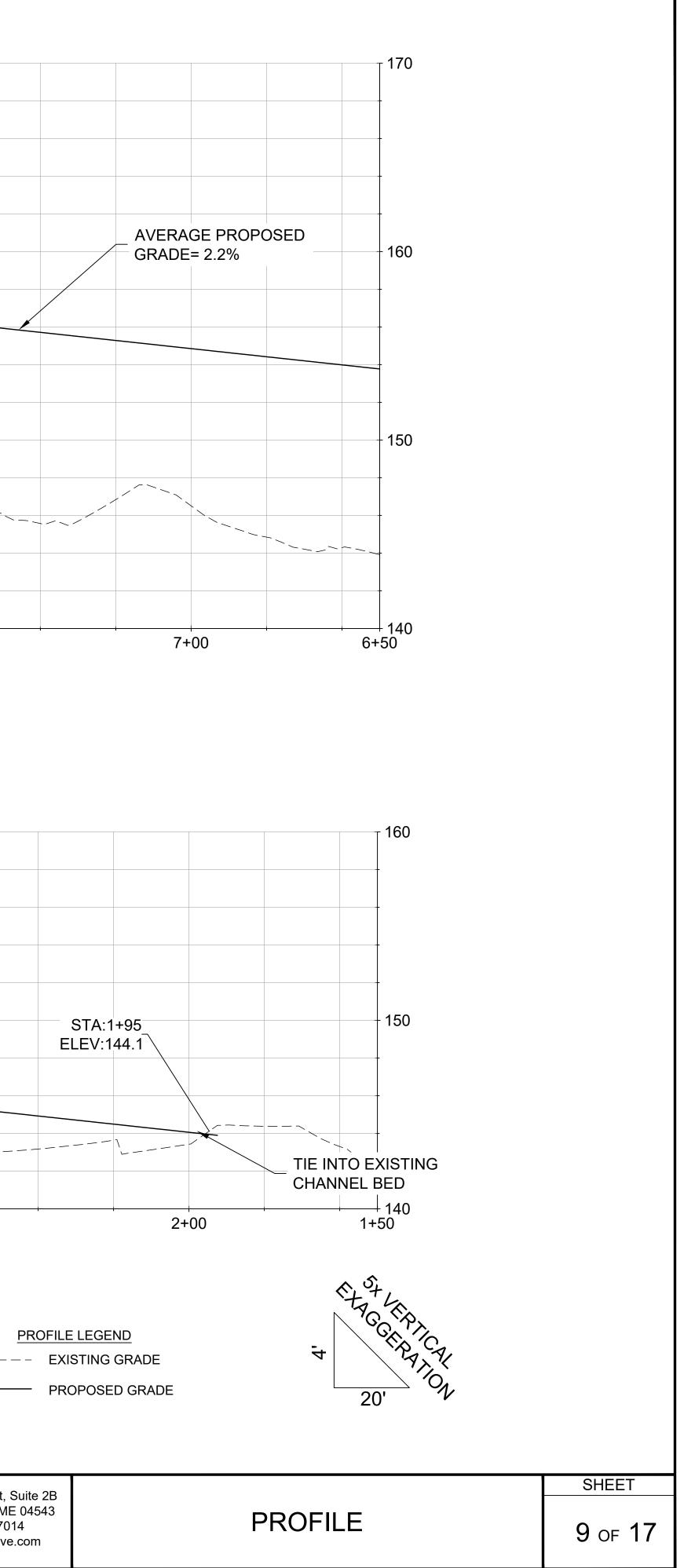
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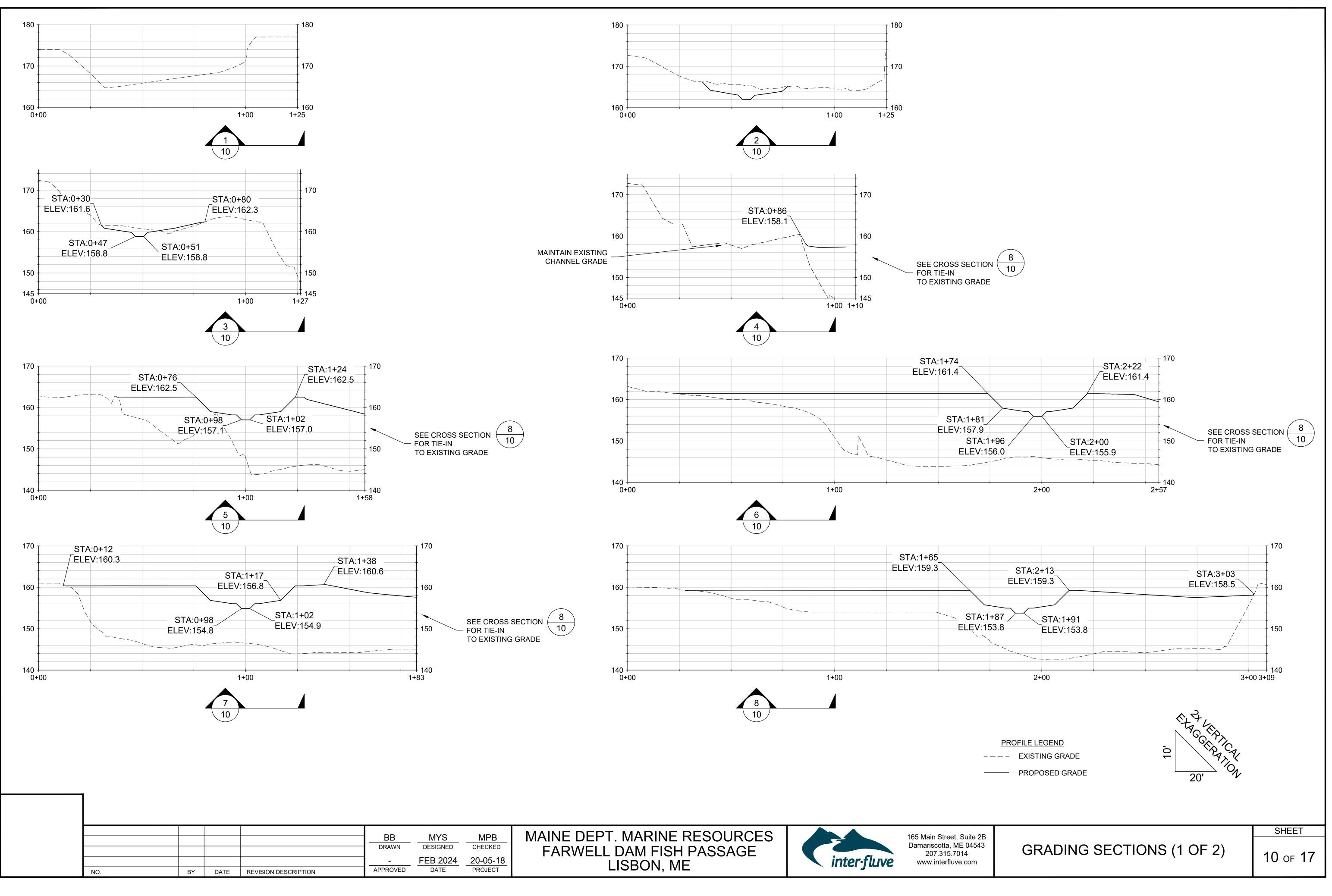


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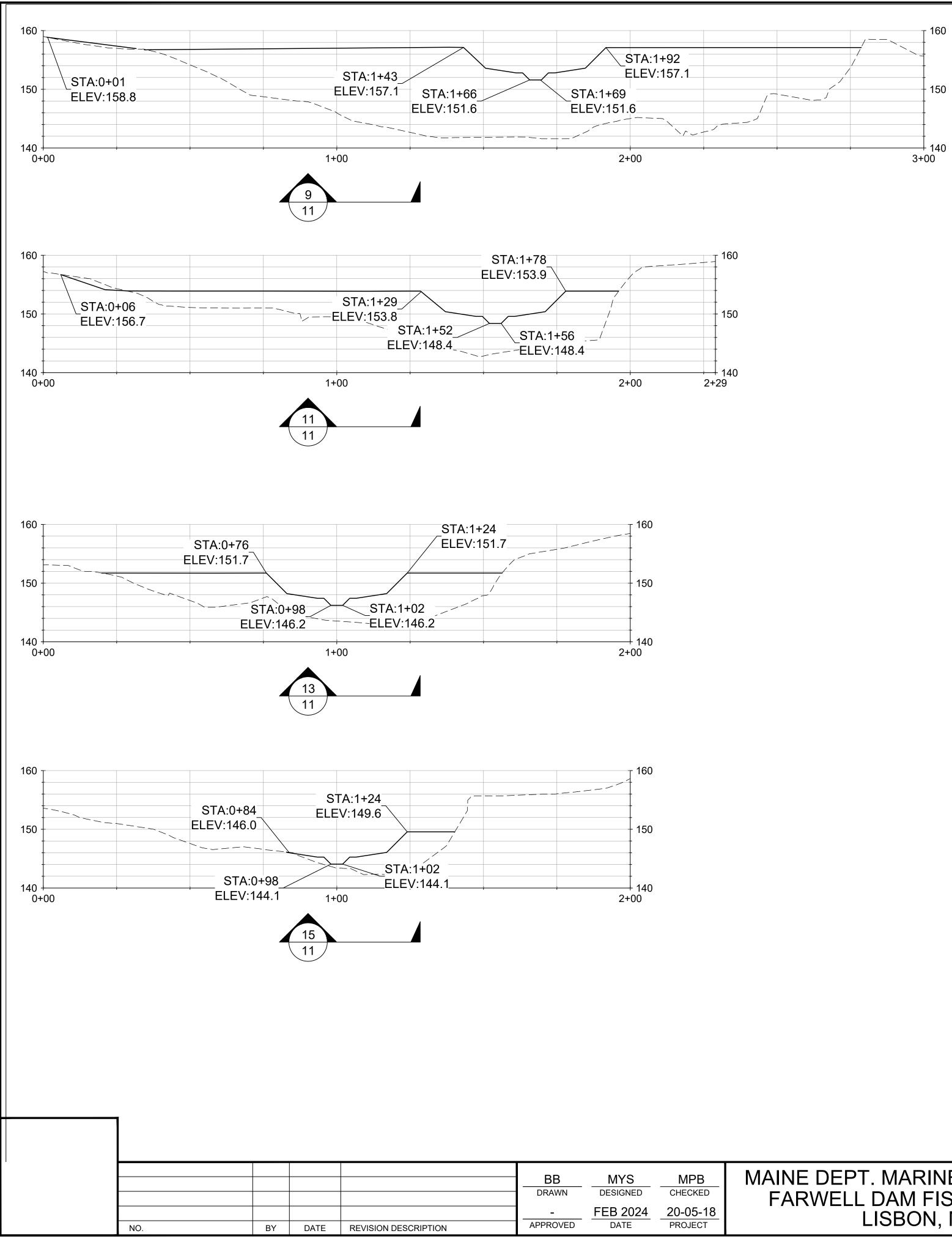


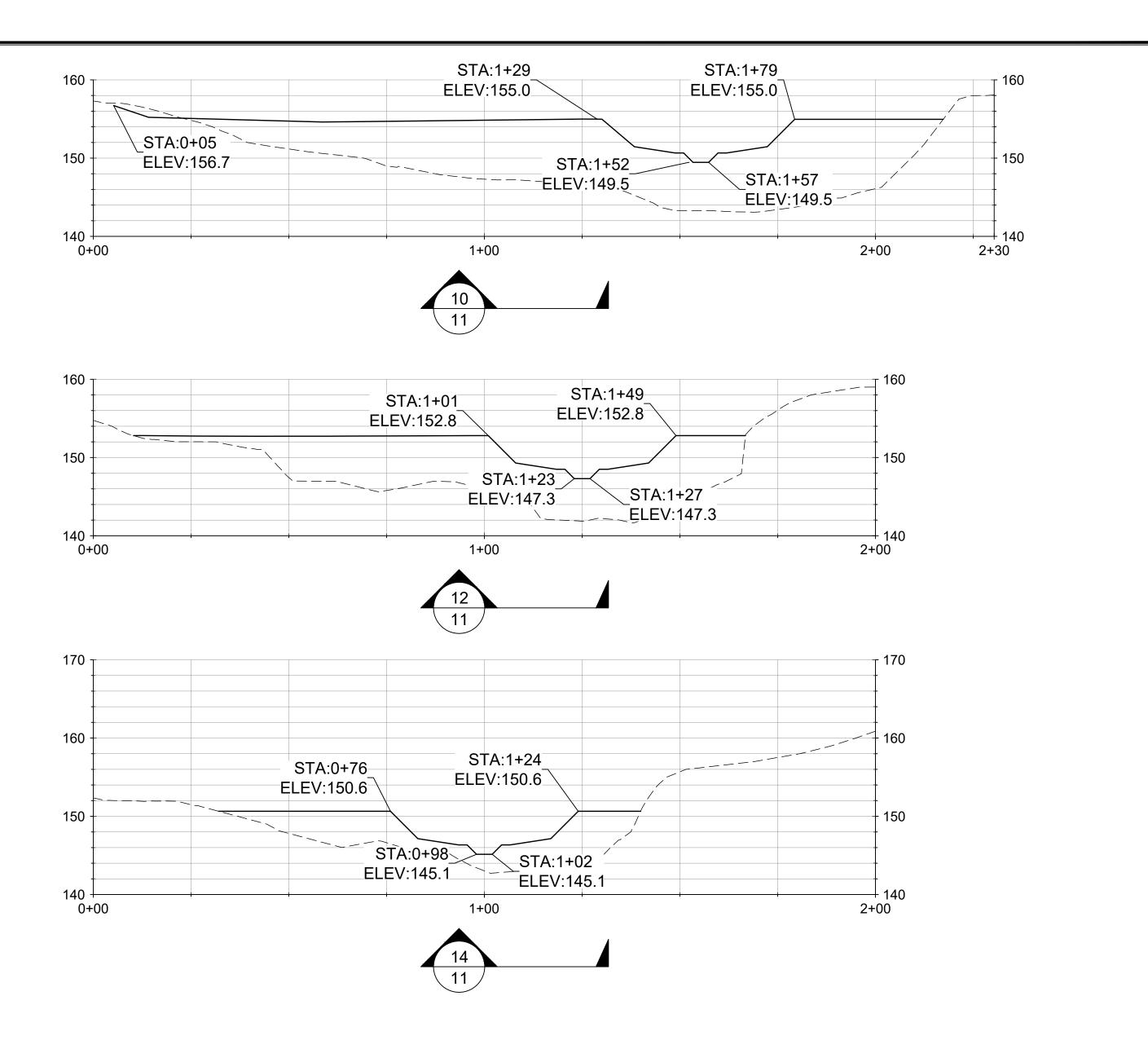


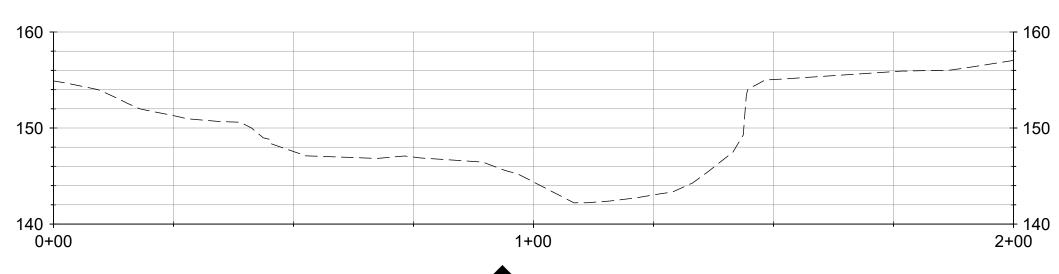




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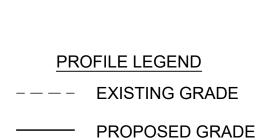






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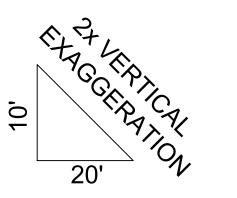
MAINE DEPT. MARINE RESOURCES FARWELL DAM FISH PASSAGE LISBON, ME

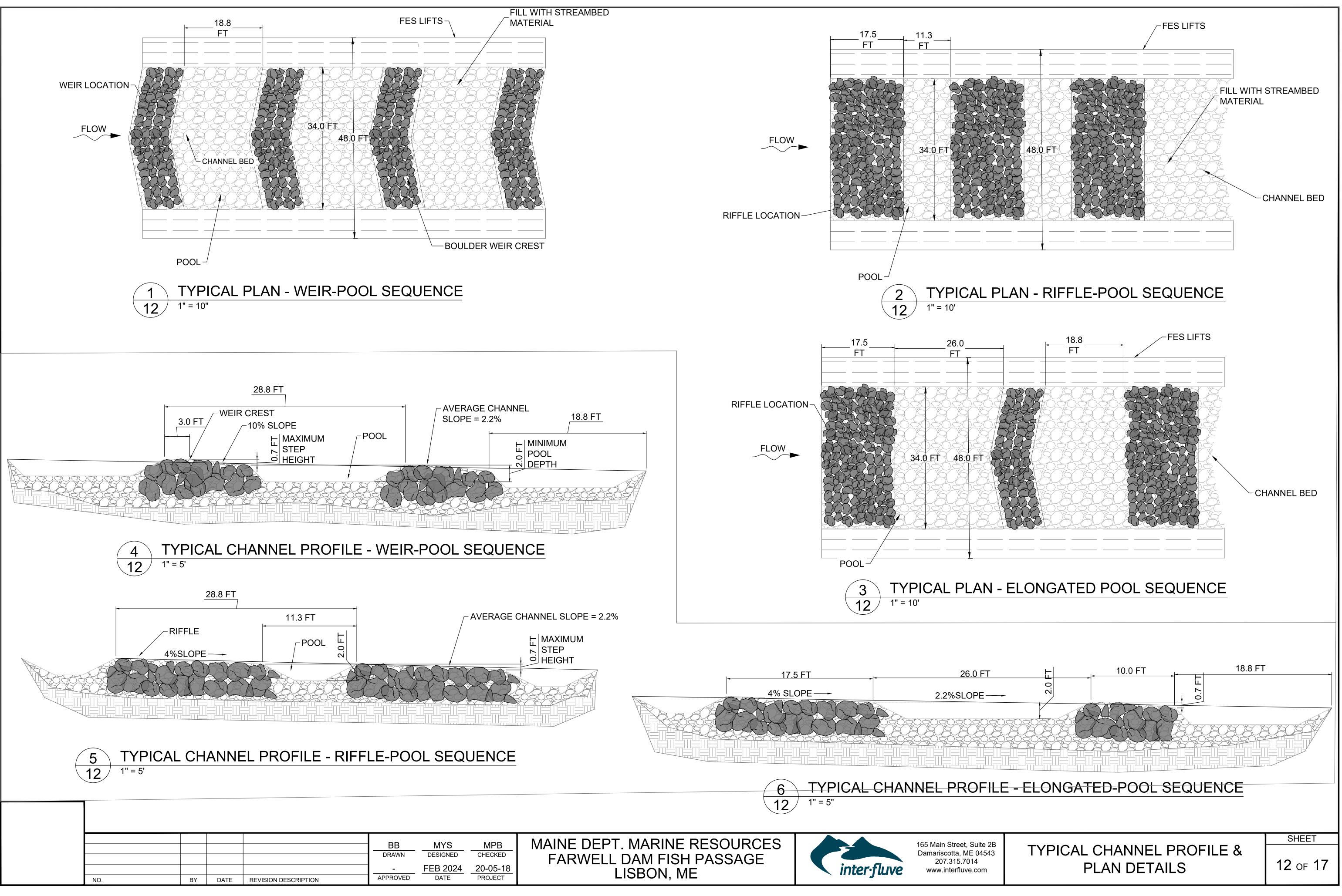


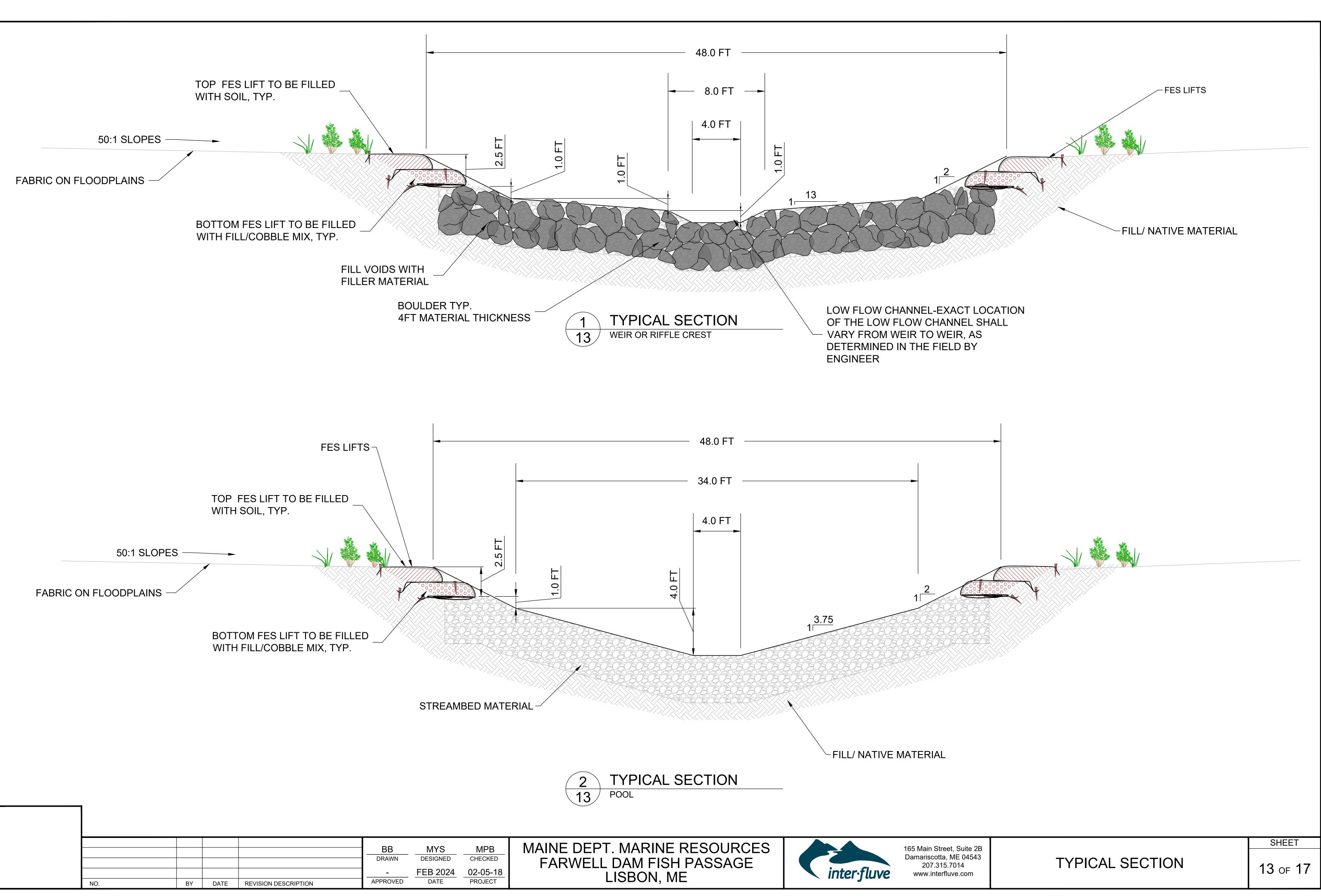


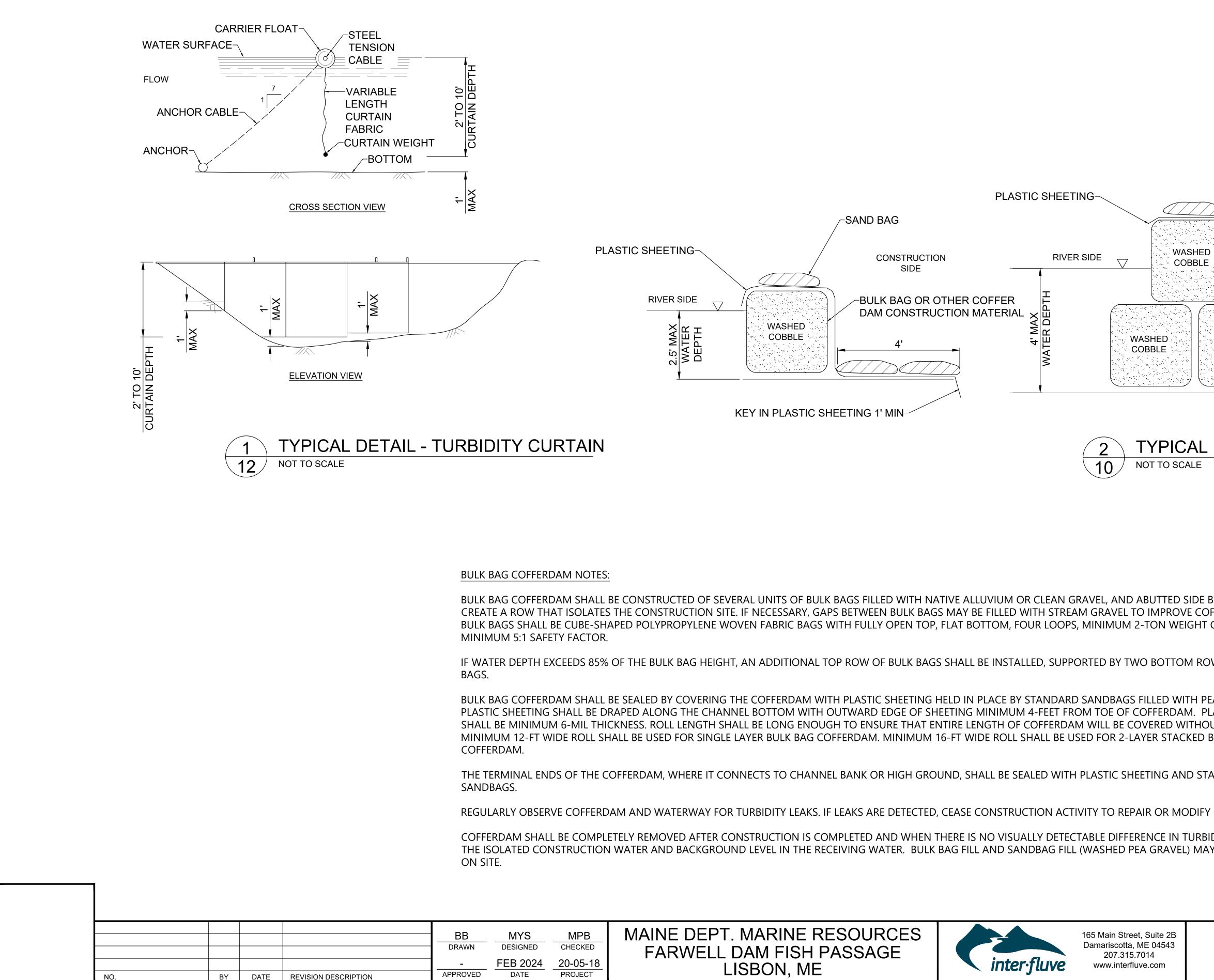
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SHEET







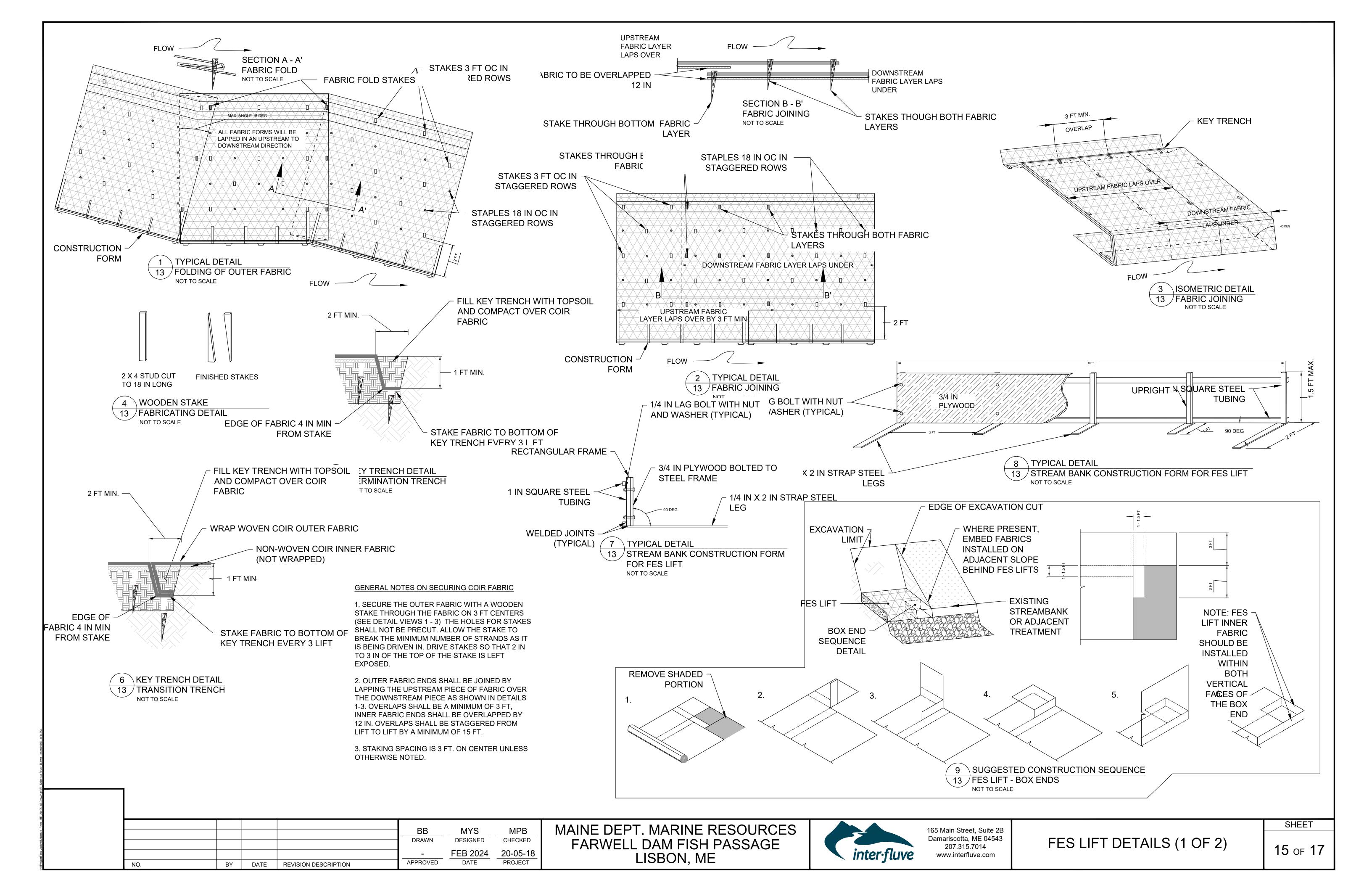


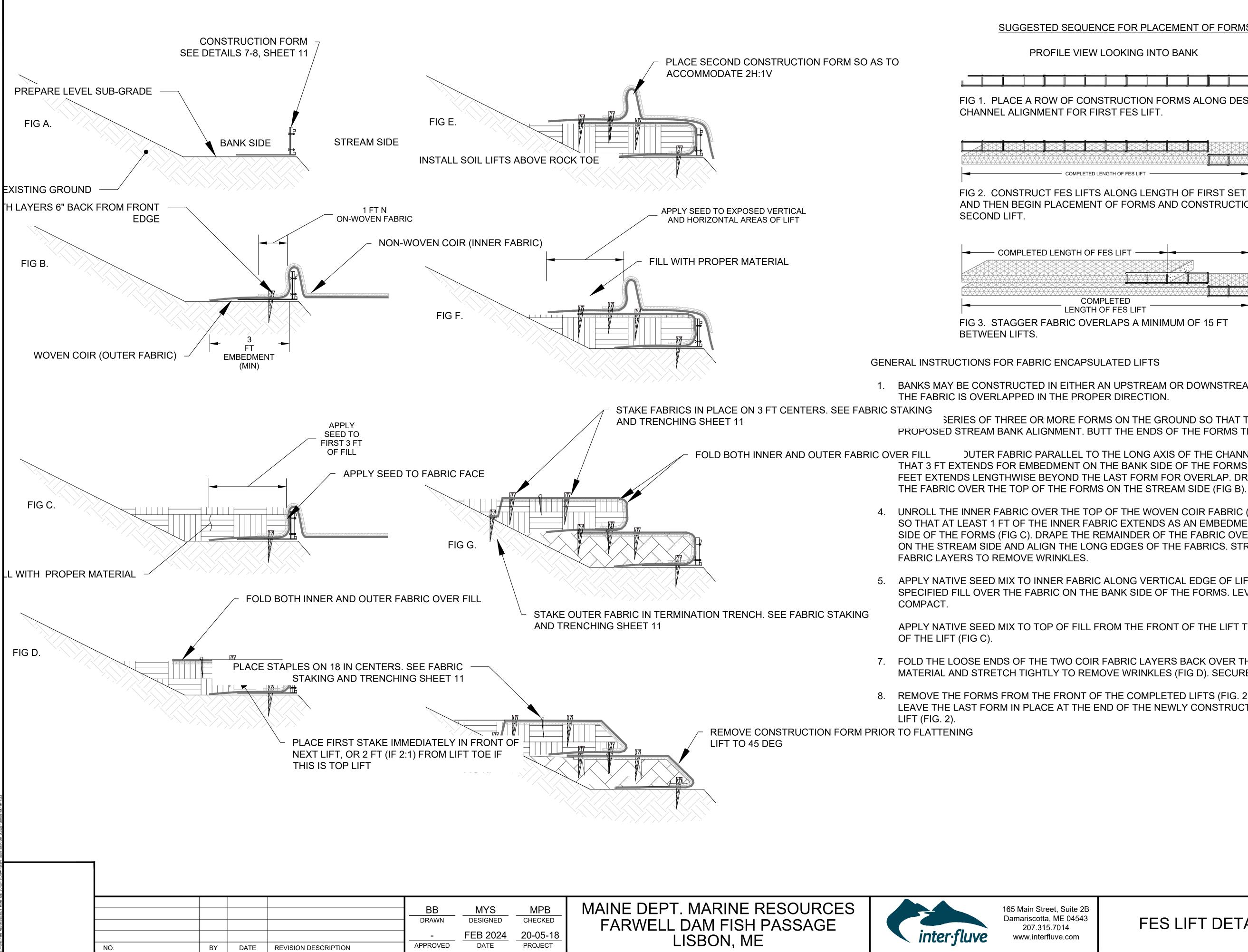
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20-05-18	
PROJECT	

MAINE DEPT. MARINE RESOURCES
FARWELL DAM FISH PASSAGE
LISBON, ME

0	BBLE CONSTRUCTION SIDE	
	BULK BAG OR OTHER COFFER DAM CONSTRUCTION MATERIAL WASHED COBBLE	
	-KEY IN PL	ASTIC SHEETING
	AL DETAIL - BULK BAG COFFER DAM	
V	IDE BY SIDE TO E COFFERDAM SEAL. GHT CAPACITY,	
٦N	A ROWS OF BULK	
4N NI	TH PEA GRAVEL. THE A. PLASTIC SHEETING THOUT A SEAM. KED BULK BAG	
N	D STANDARD	
IC	DIFY COFFERDAM.	
	URBIDITY BETWEEN ) MAY BE DISPOSED OF	
I		SHEET
	TYPICAL DETAILS	14 of 17

-SAND BAG





# SUGGESTED SEQUENCE FOR PLACEMENT OF FORMS

APPLY NATIVE SEED MIX TO TOP OF FILL FROM THE FRONT OF THE LIFT TO 3 FT BACK FROM FRONT

- REMOVE THE FORMS FROM THE FRONT OF THE COMPLETED LIFTS (FIG. 2). LEAVE THE LAST FORM IN PLACE AT THE END OF THE NEWLY CONSTRUCTED

MAINE DEPT. MARINE RESOURCES
FARWELL DAM FISH PASSAGE
LISBON, ME

## PROFILE VIEW LOOKING INTO BANK

FIG 1. PLACE A ROW OF CONSTRUCTION FORMS ALONG DESIRED

_		a	*		 	
5						
2						
X				*****		
						ت
-	COMPLE	TED LENG	TH OF FES L	FT		

FIG 2. CONSTRUCT FES LIFTS ALONG LENGTH OF FIRST SET OF FORMS AND THEN BEGIN PLACEMENT OF FORMS AND CONSTRUCTION OF

	15 FT STAGGERS BETWEEN CONSTRUCTION FORMS
H OF FES LIFT	

1. BANKS MAY BE CONSTRUCTED IN EITHER AN UPSTREAM OR DOWNSTREAM DIRECTION, AS LONG AS

**3ERIES OF THREE OR MORE FORMS ON THE GROUND SO THAT THE FORMS FOLLOW THE** PROPOSED STREAM BANK ALIGNMENT. BUTT THE ENDS OF THE FORMS TIGHTLY TOGETHER.

**DUTER FABRIC PARALLEL TO THE LONG AXIS OF THE CHANNEL AND POSITION IT SO** THAT 3 FT EXTENDS FOR EMBEDMENT ON THE BANK SIDE OF THE FORMS (FIG B), AND A MINIMUM 3 FEET EXTENDS LENGTHWISE BEYOND THE LAST FORM FOR OVERLAP. DRAPE THE REMAINDER OF

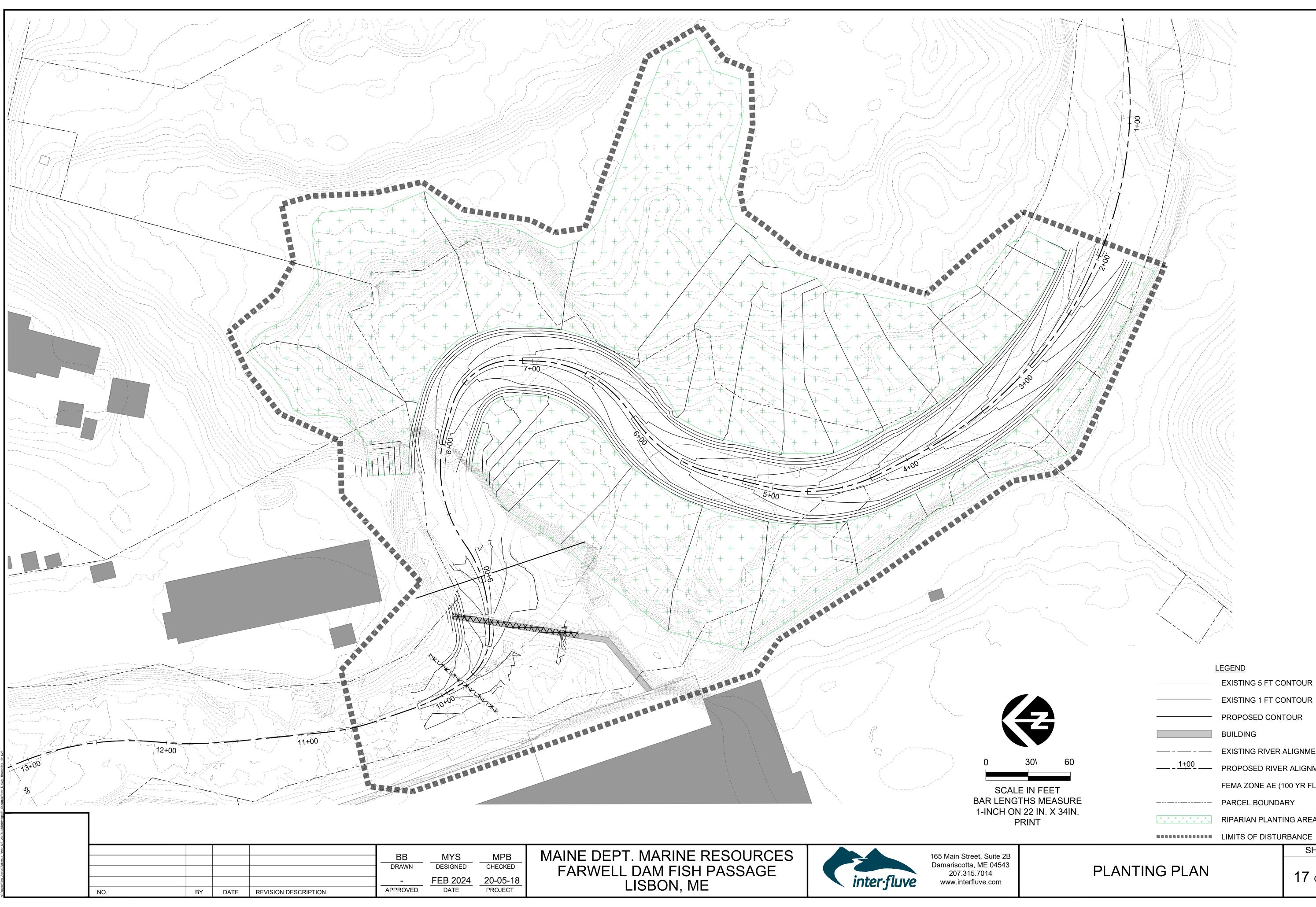
4. UNROLL THE INNER FABRIC OVER THE TOP OF THE WOVEN COIR FABRIC (FIG B) AND POSITION IT SO THAT AT LEAST 1 FT OF THE INNER FABRIC EXTENDS AS AN EMBEDMENT LENGTH ON THE BANK SIDE OF THE FORMS (FIG C). DRAPE THE REMAINDER OF THE FABRIC OVER THE TOP OF THE FORMS ON THE STREAM SIDE AND ALIGN THE LONG EDGES OF THE FABRICS. STRETCH AND PULL THE

5. APPLY NATIVE SEED MIX TO INNER FABRIC ALONG VERTICAL EDGE OF LIFT (FIG C). PLACE SPECIFIED FILL OVER THE FABRIC ON THE BANK SIDE OF THE FORMS. LEVEL THE FILL AND

7. FOLD THE LOOSE ENDS OF THE TWO COIR FABRIC LAYERS BACK OVER THE COMPACTED FILL MATERIAL AND STRETCH TIGHTLY TO REMOVE WRINKLES (FIG D). SECURE WITH WOODEN STAKES.

FES LIFT DETAILS (2 OF 2)

SHEET



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SHEET

		EXISTING 1 FT CONTOUR	
		PROPOSED CON	TOUR
30\ 60 N FEET IS MEASURE 2 IN. X 34IN. NT		BUILDING	
		EXISTING RIVER ALIGNMENT	
	<u>1+00</u>	PROPOSED RIVER ALIGNMENT	
		FEMA ZONE AE (100 YR FLOOD)	
		PARCEL BOUNDARY	
	+ + + + + + + + + + + + + + + + + + +	RIPARIAN PLANTING AREA LIMITS OF DISTURBANCE	
			SHEET