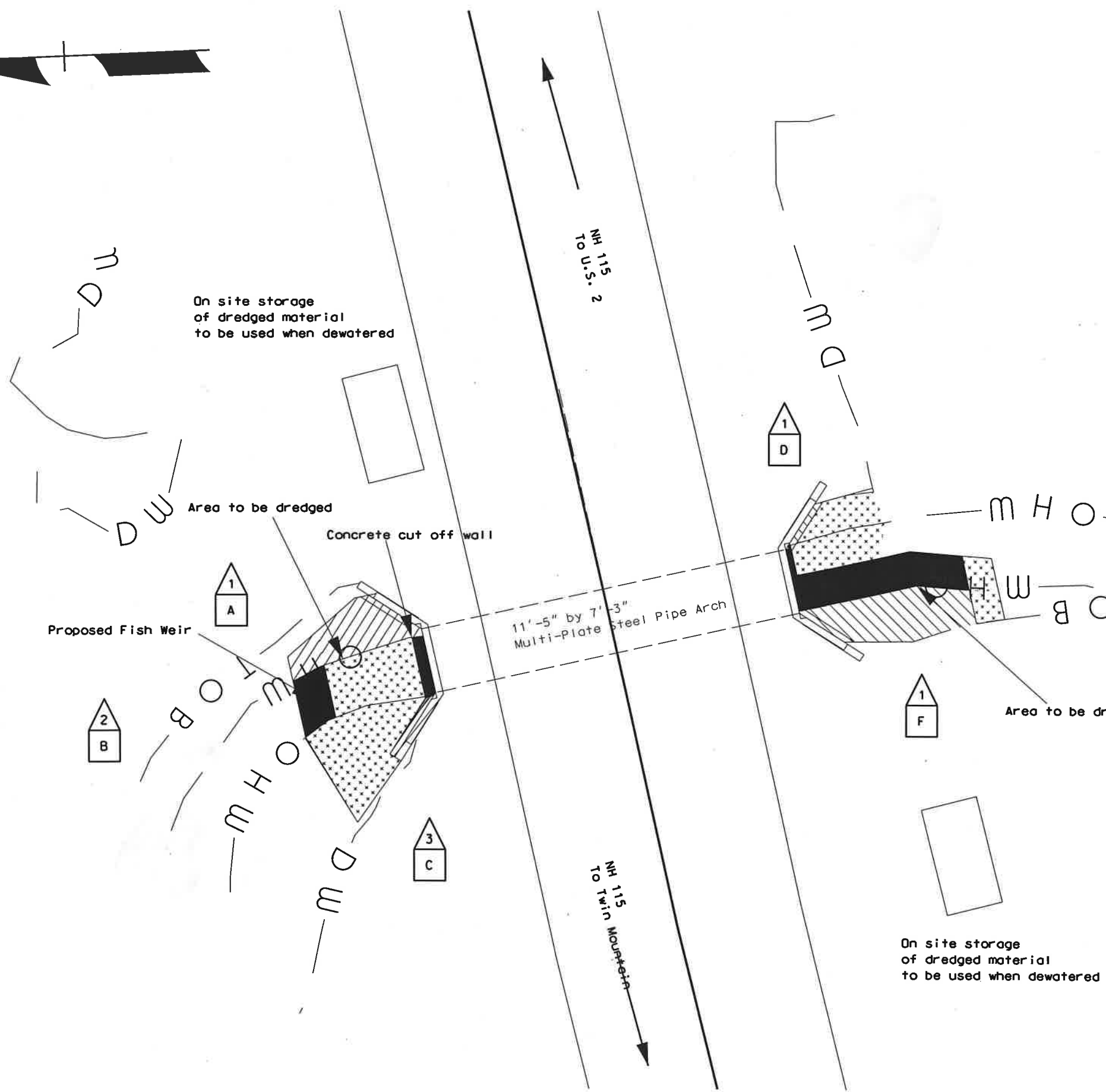




RRIPRAP	
NEW HAMPSHIRE WETLANDS BUREAU (PERMANENT NON-WETLAND)	
NEW HAMPSHIRE WETLANDS BUREAU & ARMY CORP OF ENGINEERS (PERMANENT WETLAND)	
TEMPORARY IMPACTS	



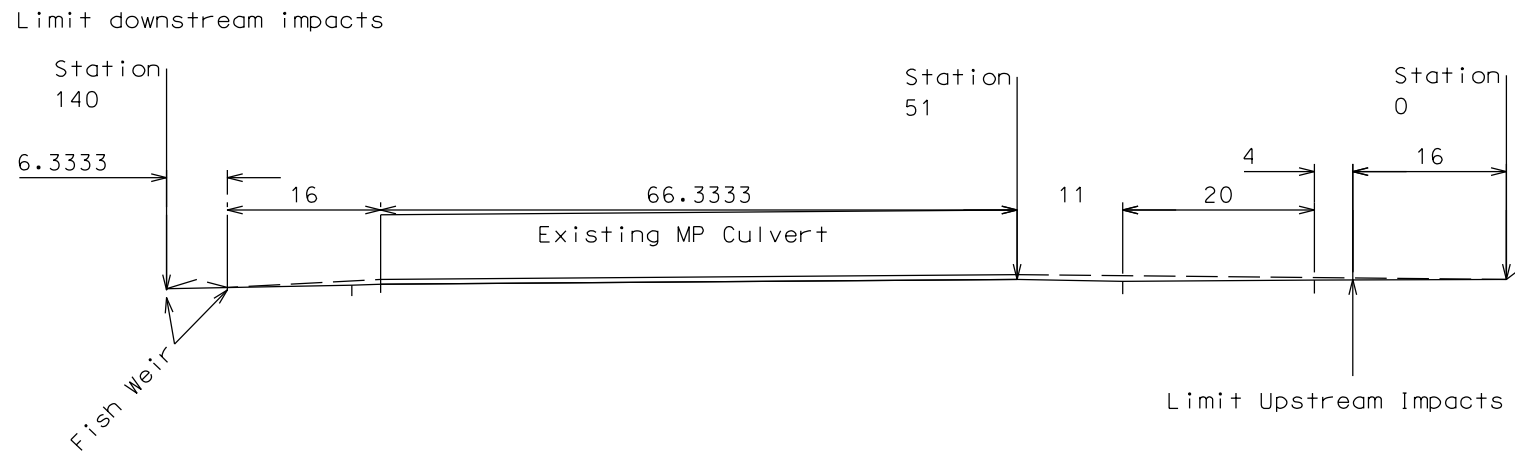
**NOTE:**  
 1) Proposed work includes Non-tidal dredging in accordance with Env-Wt 523. Details associated with Env-Wt 523.03 are included in a supplemental narrative found elsewhere  
 2) NHDOT ROW extends 100' each side of the centerline of NH 115. All work will be performed within this ROW.

WETLANDS DELINEATED BY SARAH LARGE ON 10/28/2019  
 SITE REVISTED AND DELINEATION ADJUSTED 06/16/2020  
 WETLANDS WERE DELINEATED IN ACCORDANCE WITH ENV-WT 406

**WETLAND IMPACTS**  
 SCALE: 1" = 10'-0"

STATE OF NEW HAMPSHIRE									
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE									
TOWN	JEFFERSON	BRIDGE NO.	109061	STATE PROJECT	43078				
LOCATION NH 115 OVER RED BROOK									
<b>WETLAND IMPACTS</b>									
DESIGNED		BY	TMB	DATE	9/2020	CHECKED		BY	DATE
DRAWN		BY	TMB	DATE	10/2020	CHECKED		BY	DATE
QUANTITIES									
ISSUE DATE		FISCAL YEAR		CREW		SHEET NO.		TOTAL SHEETS	
REV. DATE		2021		1		1		4	

SHEET SCALE  
AS NOTED

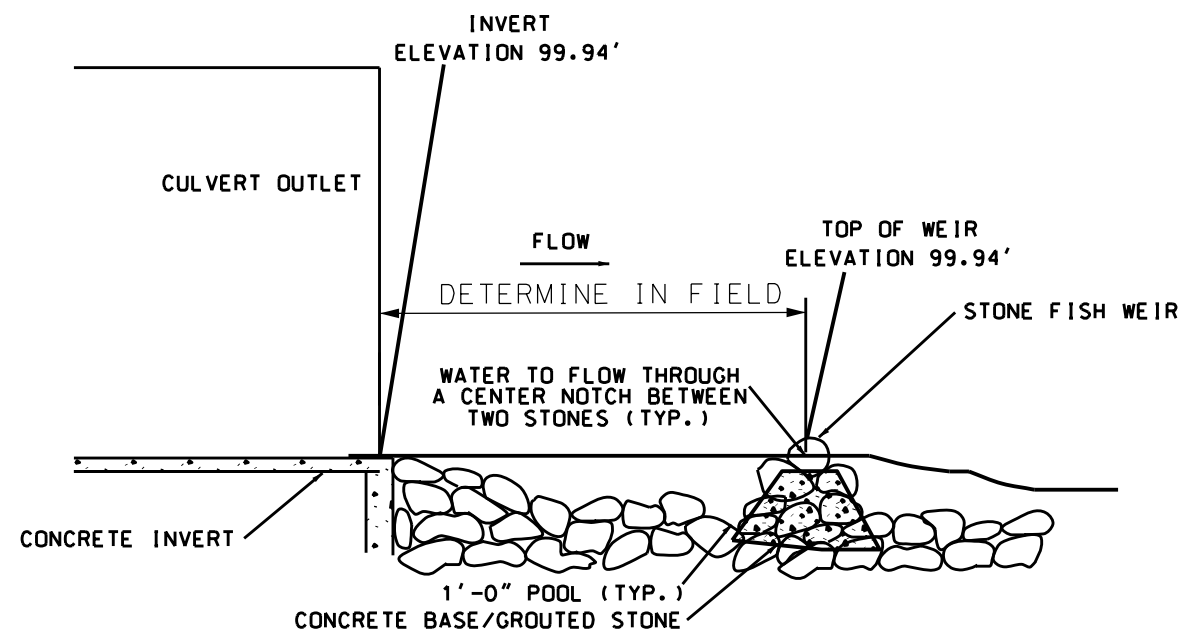


	Impact Limit	Center Weir		Outlet Invert	Inlet Invert			Impact Limit	
Station	140	136'-2"	120	117	51	40	20	16	0
Exist. Elevation	99.03	99.22	99.42	99.44	100.00	99.81	99.94	100.00	100.02
Proposed Elevation	99.03	99.94	99.82	99.94	100.5	100.38	100.2	100	100.02
Elevation Change, FT	0	0.72	0.4	0.5	0.5	0.57	0.26	0	0

WETLAND NUMBER	WETLAND CLASSIFICATION	LOCATION	AREA IMPACTS						LINEAR STREAM IMPACTS FOR MITIGATION			
			PERMANENT						PERMANENT			
			N.H.W.B. (NON WETLAND)		N.H.W.B. & A.C.O.E. (WETLAND)		TEMPORARY		BANK LEFT	BANK RIGHT	CHANNEL	
			SF	LF	SF	LF	SF	LF	LF	LF	LF	
1	BANK	A	155	23								
2	R3UB12	B			80	8	155	16				
3	PEM/SS1E	C			31	12	225	22				
1	BANK	D	8	10			72	16				
2	R3UB12	E			192	31	29	6				
1	BANK	F	213	31			29	6				
TOTAL			376	64	303	51	510	66	0	0	0	

PERMANENT IMPACTS: 679 SF  
 TEMPORARY IMPACTS: 510 SF  
 TOTAL IMPACTS: 1189 SF

CLASS	DESCRIPTION	PERMANENT						WETLAND CLASSIFICATION CODES	
		N.H.W.B. (NON WETLAND)		N.H.W.B. & A.C.O.E. (WETLAND)		TEMPORARY			
SF	LF	SF	LF	SF	LF	SF	LF		
R3UB12	RIVERINE			272	39	184	22	R3UB12	RIVERINE, UPPER PERENNIAL, UNCONSOLIDATED BOTTOM, COBBLE GRAVEL AND SAND
BANK	BANK	376	64			101	22	BANK	
PEM/SS1E	Palustrine			31	12	225	22	PEM/SS1E	Palustrine Emergent, Scrub-Shrub Broad-Leaved Deciduous Seasonally Flooded/Saturated



**STATE OF NEW HAMPSHIRE**  
 DEPARTMENT OF TRANSPORTATION \* BUREAU OF BRIDGE MAINTENANCE

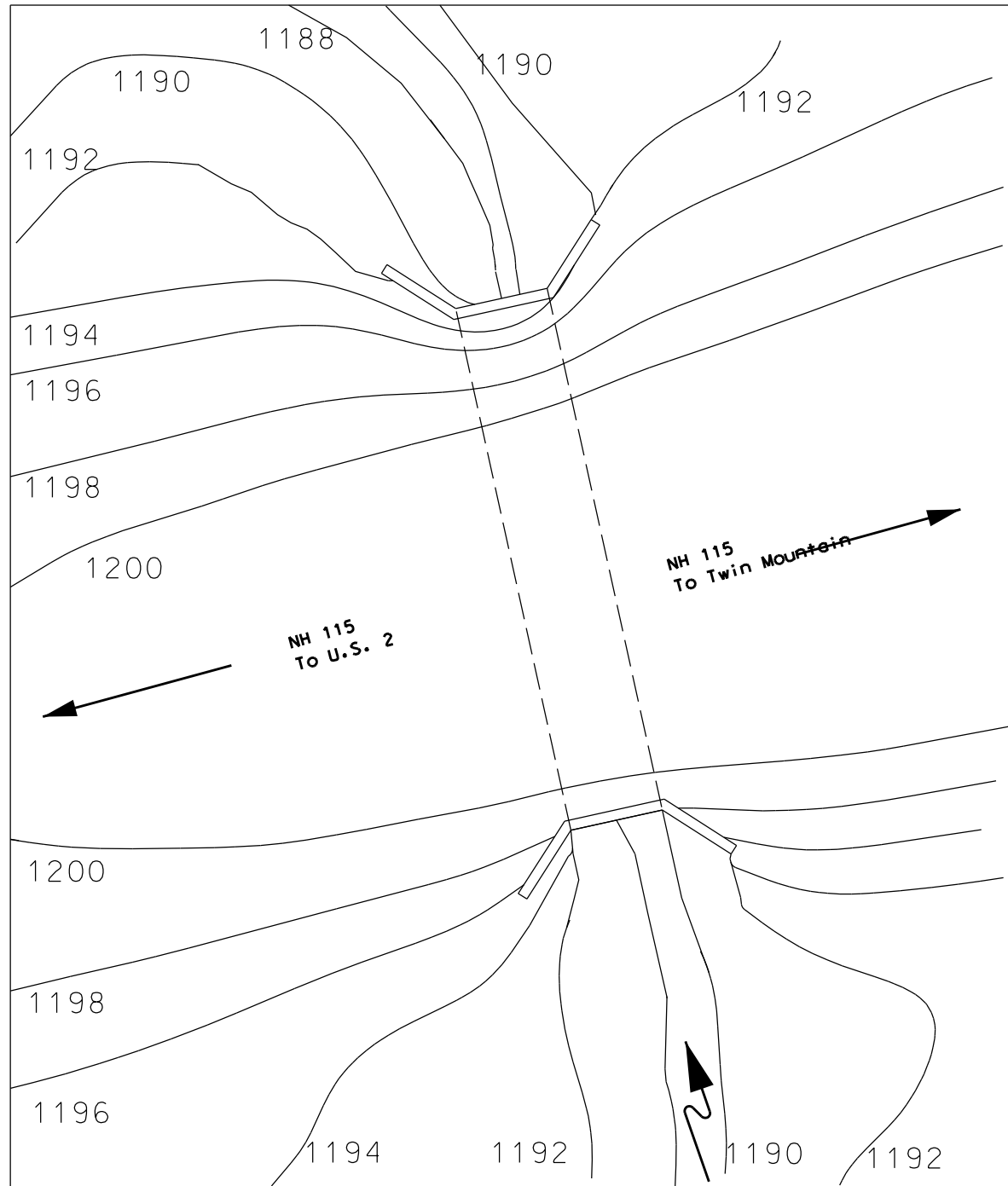
TOWN: JEFFERSON      BRIDGE NO.: 109/061      STATE PROJECT: 43078  
 LOCATION: NH 115 OVER RED BROOK

**IMPACT AREAS AND LONG. PROFILE**

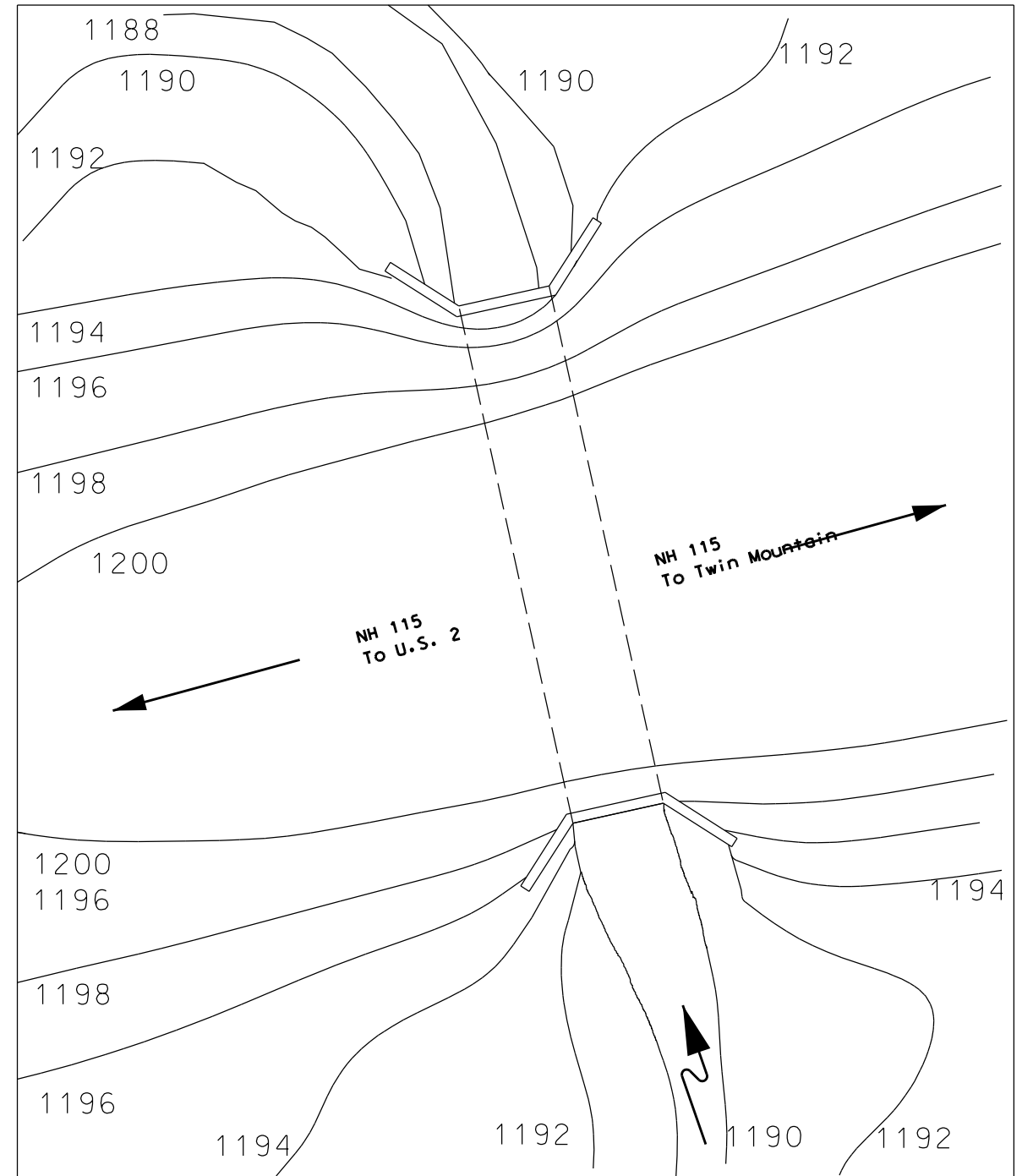
DESIGNED	TMB	9/2020	CHECKED		BY	DATE
DRAWN	TMB	10/2020	CHECKED			
ISSUE DATE			CHECKED			
REV. DATE						

SHEET SCALE: AS NOTED      SHEET NO.: 3 OF 4      TOTAL SHEETS: 4

APPROXIMATE EXISTING CONTOURS



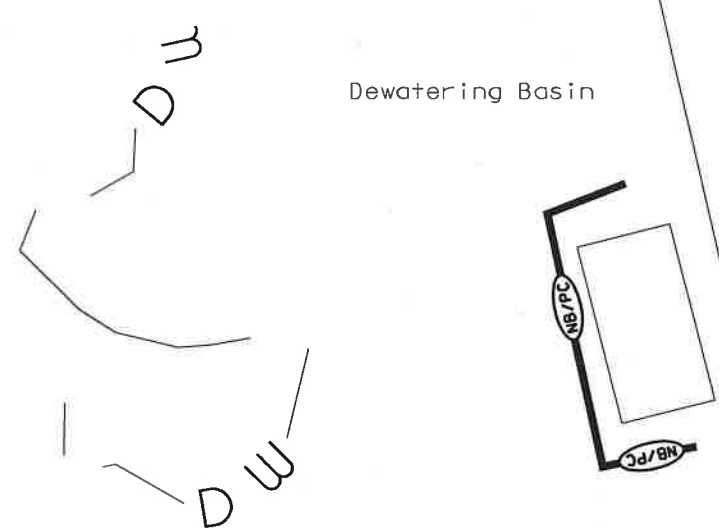
PROPOSED CONTOURS



**TWO FOOT CONTOUR MAP**

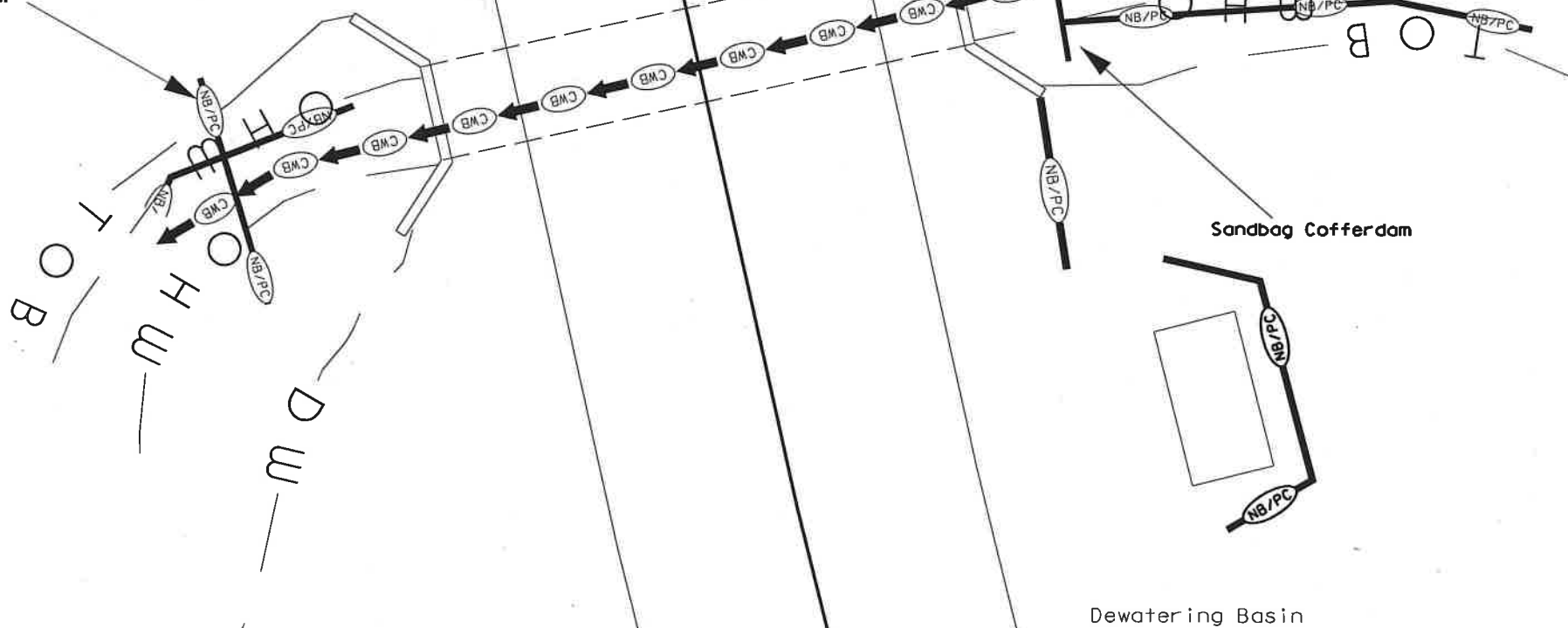
SCALE: 1" = 10'-0"

STATE OF NEW HAMPSHIRE									
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE									
TOWN	JEFFERSON			BRIDGE NO.	109/061		STATE PROJECT	43078	
LOCATION	NH 115 OVER RED BROOK								
<b>PROPOSED ALTERATION OF TERRAIGN</b>									
REVISIONS AFTER PROPOSAL		BY	DATE	CHECKED	BY	DATE	BRIDGE SHEET		
		DESIGNED	TMB	9/2020	CHECKED		4 OF 4		
		DRAWN	TMB	12/2020	CHECKED		FILE NUMBER		
		QUANTITIES			CHECKED		JEFFERSON		
		ISSUE DATE		FISCAL YEAR	CREW	SHEET NO.	TOTAL SHEETS		
		REV. DATE		2021	1	4	4		
SHEET SCALE									
AS NOTED									

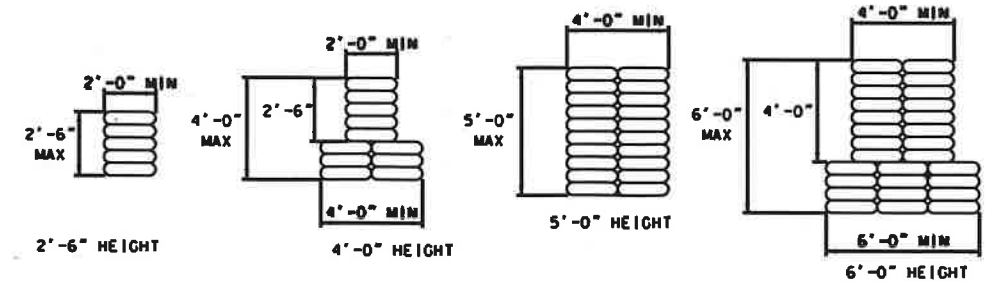


Dewatering Basin

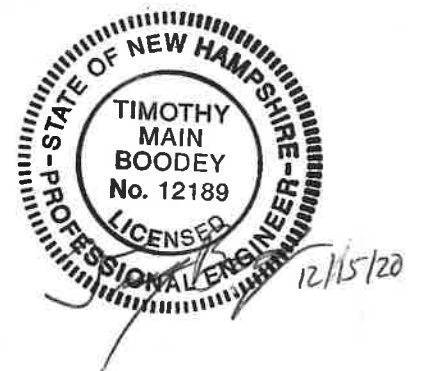
Sandbag Cofferdam



**EROSION CONTROL PLANS**  
SCALE: 1" = 10'-0"



**COFFERDAM DETAILS**  
NOT TO SCALE



EROSION CONTROL PLAN LEGEND	
	<b>PERIMETER CONTROL</b> SILT FENCE EROSION CONTROL MIX BERM EROSION CONTROL MIX SOX TURBIDITY CURTAIN SHEET PILE COFFER DAM
	<b>NATURAL BUFFER/PERIMETER CONTROL</b> SILT FENCE EROSION CONTROL MIX BERM EROSION CONTROL MIX SOX TURBIDITY CURTAIN SHEET PILE COFFER DAM
	<b>CHANNEL PROTECTION</b> STONE CHECK DAMS STRAW WATTLES CHANNEL MATTING CLASS D EROSION STONE CLASS C STONE
	<b>CLEAN WATER BYPASS</b> PUMP THROUGH PIPE DRAIN THROUGH PIPE OR CHANNEL

STATE OF NEW HAMPSHIRE	
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE	
TOWN	JEFFERSON
BRIDGE NO.	109/061
STATE PROJECT	43078
LOCATION NH 115 OVER RED BROOK	
EROSION CONTROL PLAN	
BRIDGE SHEET	2 OF 4
FILE NUMBER	JEFFERSON 109/061
ISSUE DATE	2021
REV. DATE	

SHEET SCALE  
AS NOTED