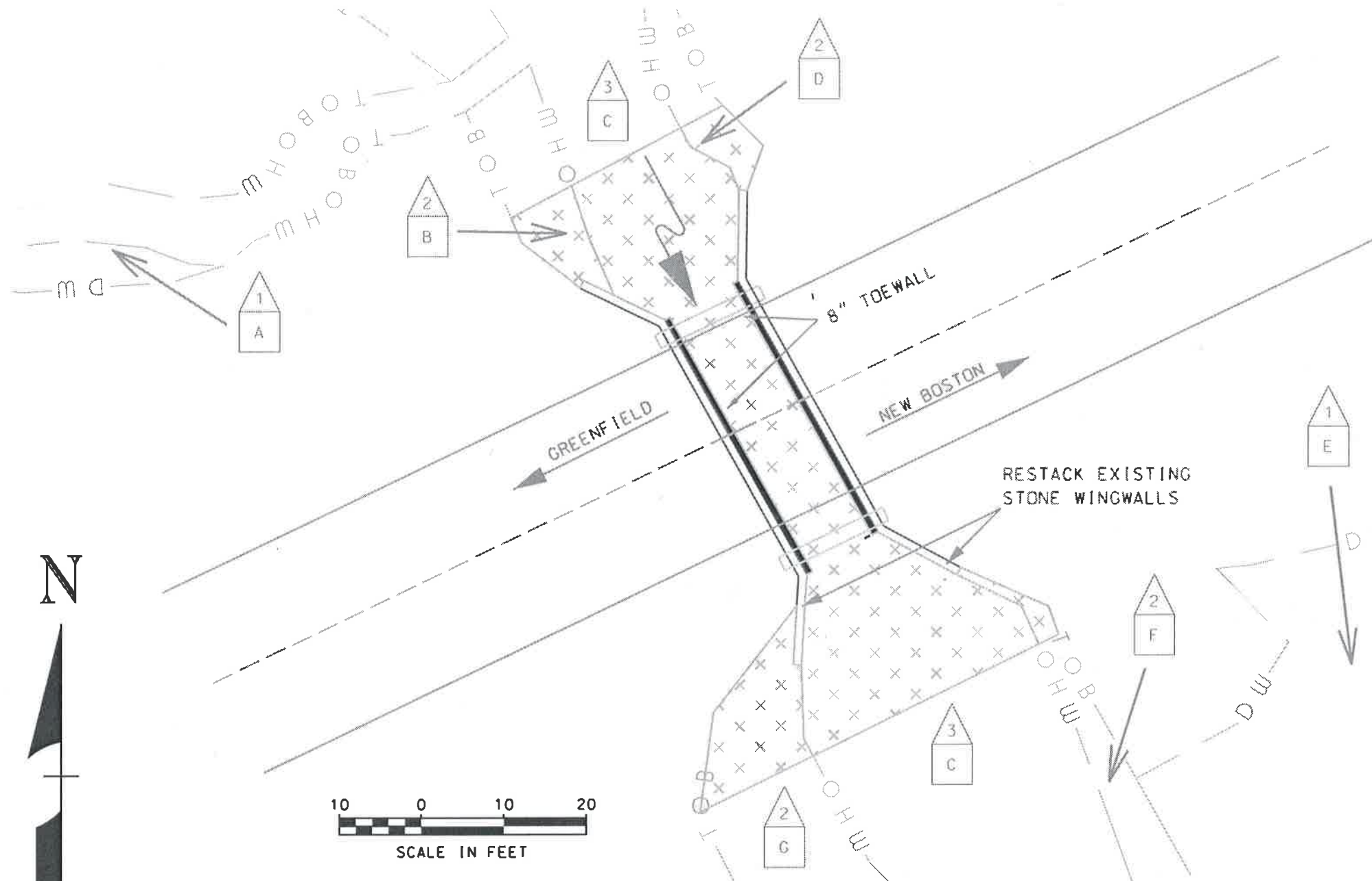


LEGEND

TYPE OF WETLAND IMPACT	SHADING/HATCHING
NEW HAMPSHIRE WETLANDS BUREAU & ARMY CORP OF ENGINEERS (PERMANENT WETLAND)	
TEMPORARY IMPACTS	

- WETLAND DESIGNATION NUMBER
- WETLAND IMPACT LOCATION



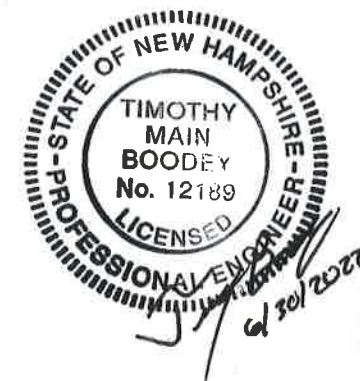
RIPRAP GRADATION
 D15 < 21"
 D50 < 27.5"
 D100 < 37"
 NOMINAL DIAMETER 24"



WETLAND CLASSIFICATION CODES	
PFO1E	PALUSTRINE, FORESTED, BROAD-LEAVED DECIDUOUS, SEASONALLY FLOODED/SATURATED
BANK	BANK
R2UB1	RIVERINE, LOWER PERENNIAL, UNCONSOLIDATED BOTTOM, COBBLE-GRAVEL

- NOTE:
- 1) WETLANDS DELINEATED BY SARAH LARGE ON 10/25/2019 WETLANDS WERE DELINEATED IN ACCORDANCE WITH ENV-WT 406
 - 2) ALL WORK WILL BE DONE WITHIN STATE ROW

WETLAND IMPACTS
 SCALE: 1/16"=1'



STATE OF NEW HAMPSHIRE									
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE									
TOWN	FRANCISTOWN	BRIDGE NO.	139-100	STATE PROJECT	42537				
LOCATION NH136 OVER WHITING BROOK									
WETLAND IMPACTS									
REVISIONS AFTER APPROVAL		BY	DATE	CHECKED	BY	DATE	BRIDGE SHEET		
		DESIGNED		CHECKED			1 OF 8		
		DRAWN	JPJ 4/22	CHECKED			FILE NUMBER		
		QUANTITIES	JPJ 4/22	CHECKED			FRANCISTOWN		
		ISSUE DATE					139102		
SHEET SCALE		FISCAL YEAR	CRW	SHEET NO.	TOTAL SHEETS				
AS NOTED		2023	14	1	8				
		REV. DATE							

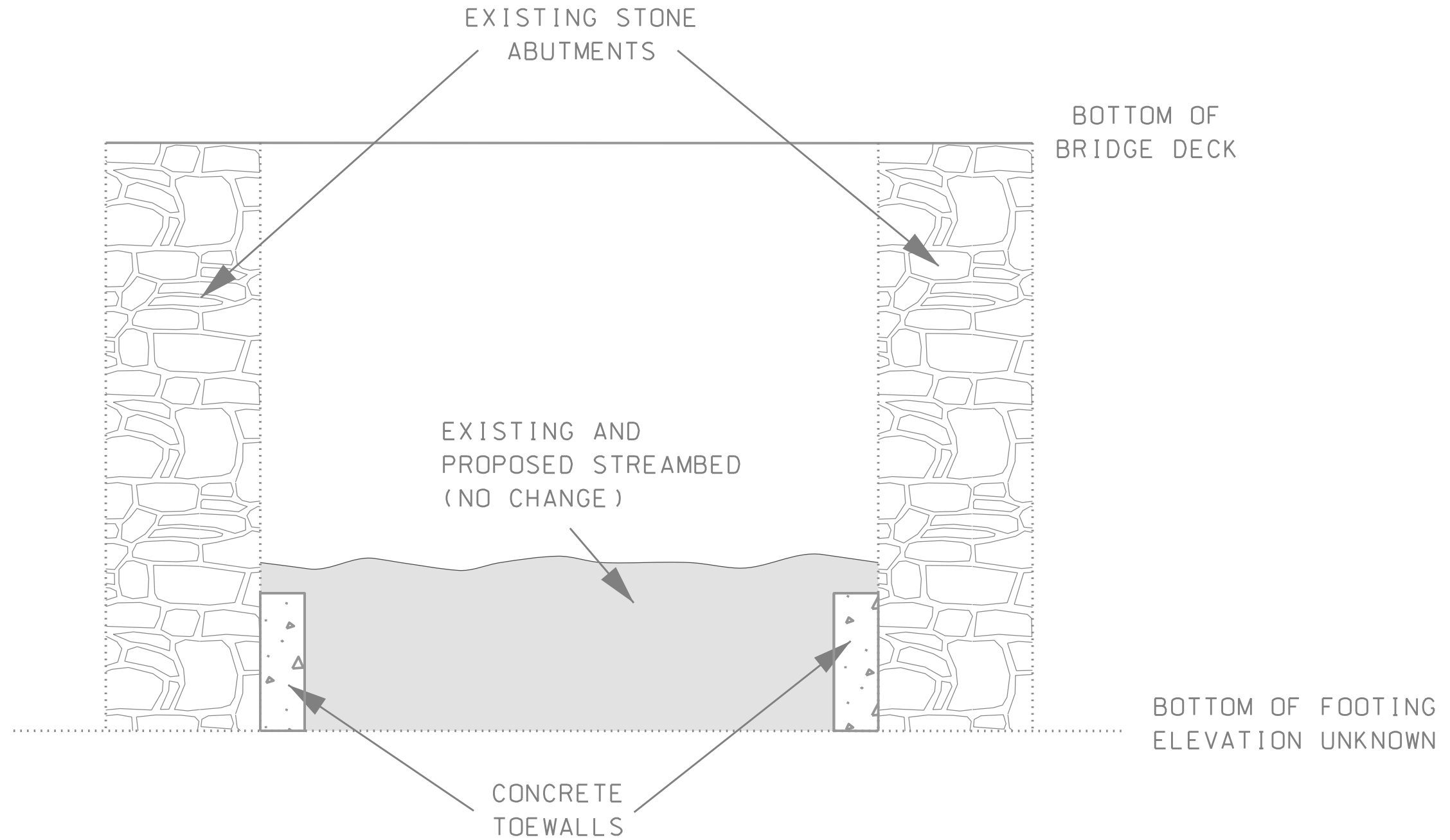
WETLAND IMPACT SUMMARY

WETLAND NUMBER	WETLAND CLASSIFICATION	LOCATION	AREA IMPACTS					
			PERMANENT				TEMPORARY	
			N.H.W.B. (NON WETLAND)		N.H.W.B. & A.C.O.E. (WETLAND)			
			SF	LF	SF	LF	SF	LF
1	PFO1E	A						
2	BANK	B					76	14
3	R2UB1	C			51	36	1083	75
2	BANK	D					51	10
1	PFO1E	E						
2	BANK	F					25	13
2	BANK	G					172	18
TOTAL			0	0	51	36	1407	130
			PERMANENT IMPACTS:			51 SF		
			TEMPORARY IMPACTS:			1407 SF		
			TOTAL IMPACTS:			1458 SF		

WETLAND IMPACTS TABLE

STATE OF NEW HAMPSHIRE									
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE									
TOWN FRANCETOWN		BRIDGE NO. 139-102		STATE PROJECT 42837					
LOCATION NH136 OVER WHITING BROOK									
WETLAND IMPACTS TABLE									
REVISIONS AFTER PROPOSAL				BY	DATE	BY	DATE	BRIDGE SHEET	
								X	OF X
	DESIGNED	JPJ	4/22	CHECKED				FILE NUMBER	FRANCETOWN
	DRAWN	JPJ	4/22	CHECKED				139/102	139/102
	QUANTITIES	JPJ	4/22	CHECKED					
SHEET SCALE	ISSUE DATE	FISCAL YEAR		CREW	SHEET NO.	TOTAL SHEETS			
AS NOTED	REV. DATE	2023	14	X	X	X			

SHEET SCALE
AS NOTED



PROPOSED CHANNEL CROSS SECTION

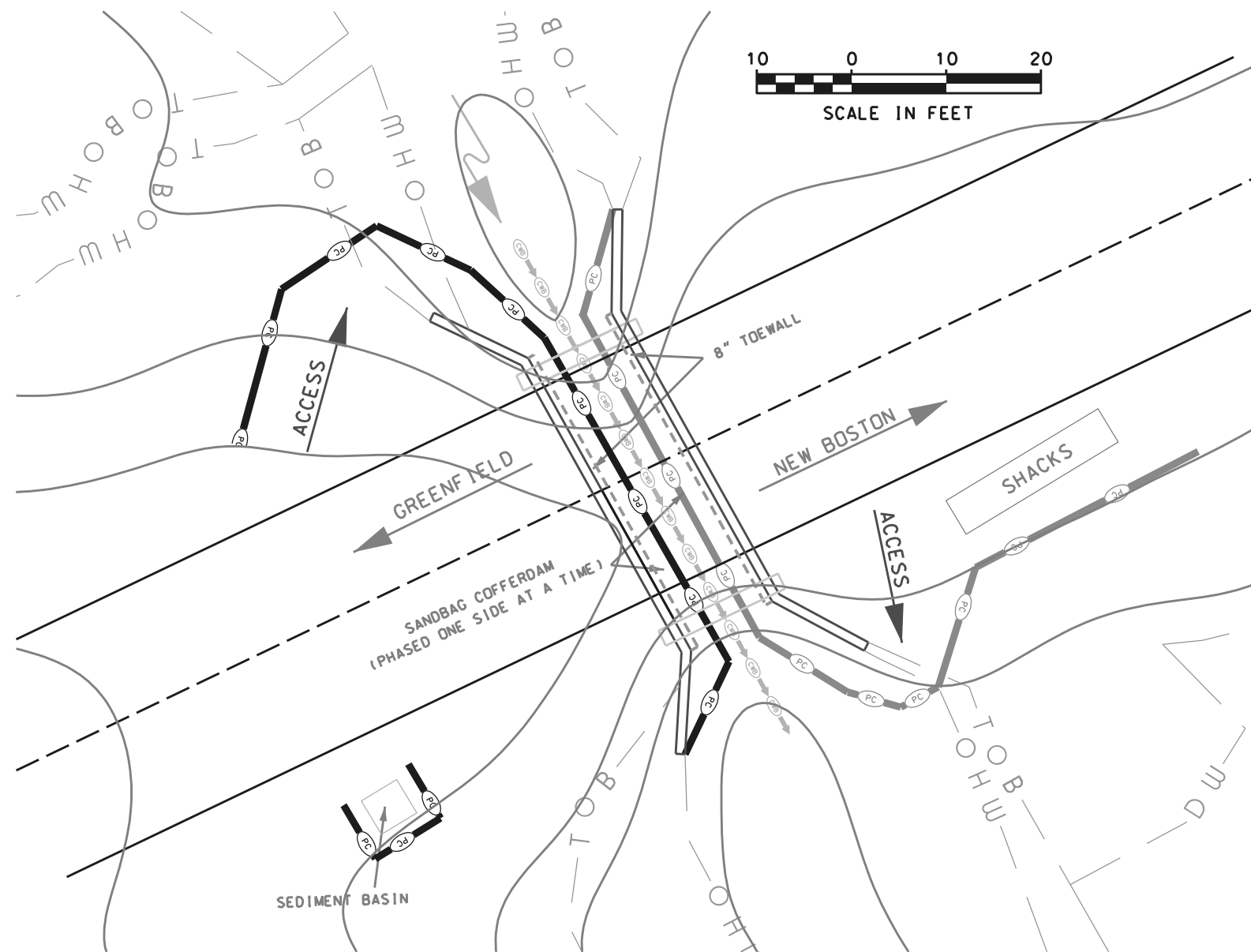
1/2" = 1'

NOTE:

- 1) PROPOSED TOE WALLS WILL BE COVERED BY EXISTING STREAMBED MATERIAL

STATE OF NEW HAMPSHIRE									
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE									
TOWN	FRANCETOWN	BRIDGE NO.	139-102	STATE PROJECT	42837	BRIDGE SHEET			
LOCATION	NH136 OVER WHITING BROOK								
PROPOSED CHANNEL CROSS SECTIONS									
REVISIONS AFTER PROPOSAL	BY	DATE	CHECKED	BY	DATE	BRIDGE SHEET			
	DESIGNED		CHECKED			1 OF X			
	DRAWN	JPJ 4/22	CHECKED			FILE NUMBER			
	QUANTITIES	JPJ 4/22	CHECKED			FRANCETOWN			
	ISSUE DATE					139/102			
	REV. DATE					TOTAL SHEETS			
SHEET SCALE		FISCAL YEAR	CREW	SHEET NO.		X			
AS NOTED		2023	14	1					

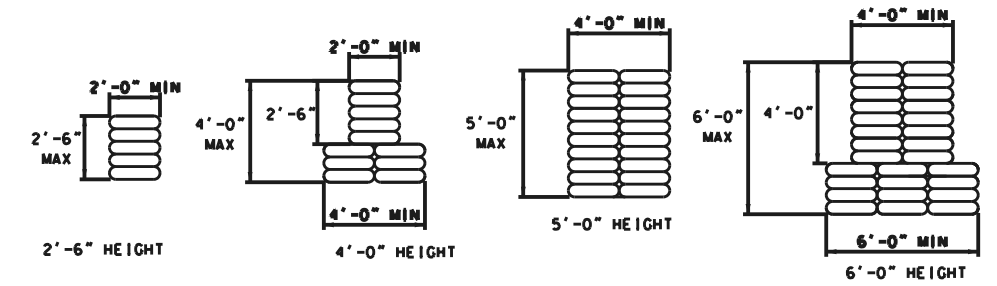
SHEET SCALE
AS NOTED



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

COFFERDAM DETAILS

NOT TO SCALE

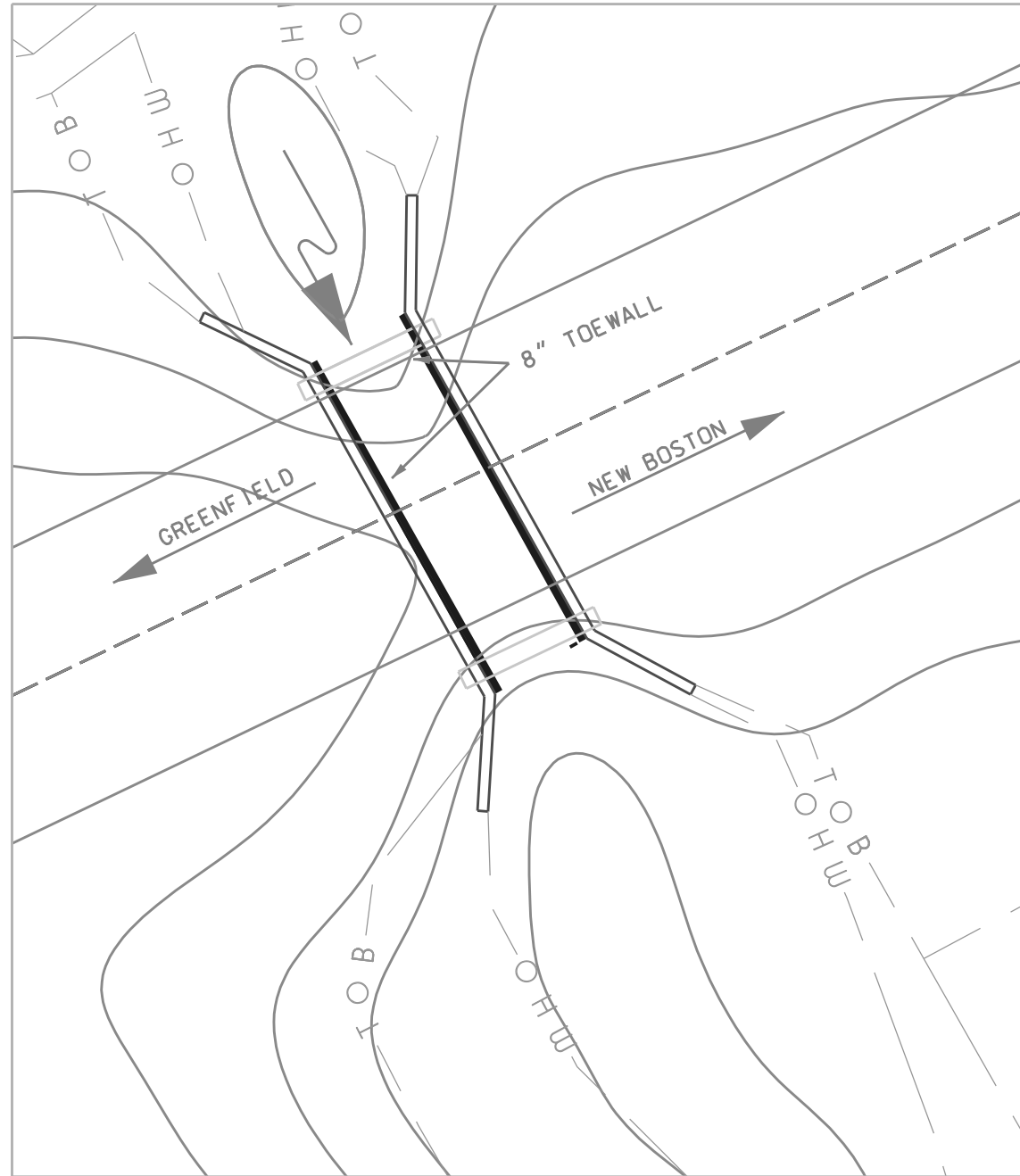


- NOTES:**
- 1) WORK WILL TAKE PLACE DURING LOW FLOW CONDITIONS. ANTICIPATED MAXIMUM FLOW DURING CONSTRUCTION IS 100 CFS
 - 2) SANDBAG COFFERDAMS WILL BE CONSTRUCTED ACCORDING TO TYPICAL DETAIL. WE ANTICIPATE A MAXIMUM HEIGHT OF 3 FEET AND A WIDTH OF 4'
 - 3) SUMPS WILL BE LOCATED JUST INSIDE THE WORK AREA AND BE LARGE ENOUGH TO ACCOMMODATE A 3 INCH PUMP DISCHARGING INTO A DEWATERING BASIN
 - 4) DOUBLE BMPS WILL BE USED FOR PERIMETER CONTROLS

EROSION CONTROL PLAN

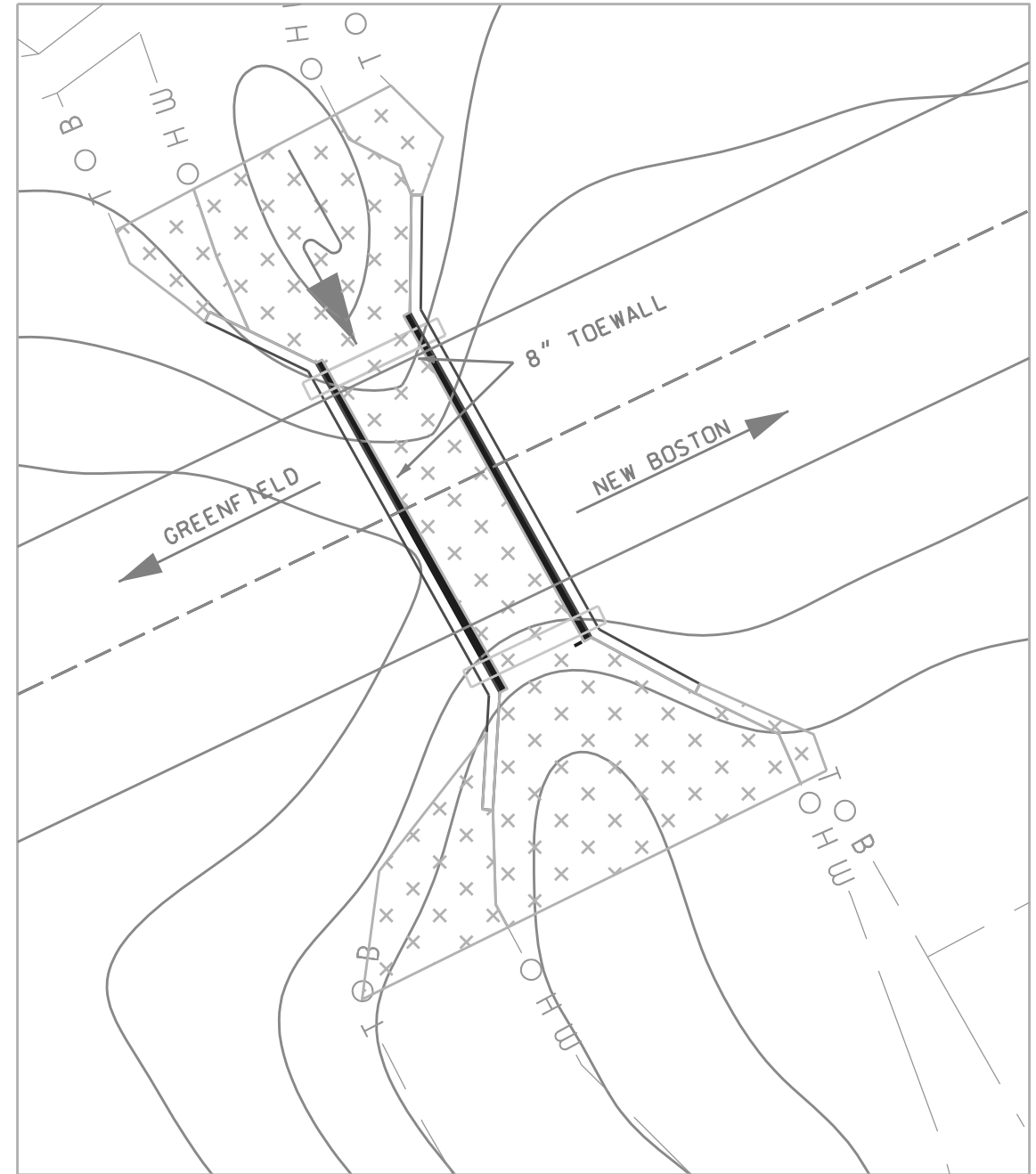
SCALE: 1/16"=1'

STATE OF NEW HAMPSHIRE										
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE										
TOWN	FRANCESTOWN	BRIDGE NO.	139-102	STATE PROJECT	42837					
LOCATION NH136 OVER WHITING BROOK										
EROSION CONTROL PLAN						BRIDGE SHEET				
REVISIONS AFTER PROPOSAL						BY	DATE	BY	DATE	2 OF X
DESIGNED						JPJ	4/22	CHECKED		FILE NUMBER
DRAWN						JPJ	4/22	CHECKED		FRANCESTOWN
QUANTITIES						JPJ	4/22	CHECKED		139/102
ISSUE DATE						FISCAL YEAR		CREW	SHEET NO.	TOTAL SHEETS
REV. DATE						2023		14	2	X
SHEET SCALE		AS NOTED								



PRE CONSTRUCTION CONTOURS

SCALE: 1/16"=1'



POST CONSTRUCTION CONTOURS

SCALE: 1/16"=1'

STATE OF NEW HAMPSHIRE									
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE									
TOWN	FRANCESTOWN	BRIDGE NO.	139-102	STATE PROJECT	42837				
LOCATION NH136 OVER WHITING BROOK									
2 FT CONTOURS									
REVISIONS AFTER PROPOSAL		DESIGNED	BY	DATE	CHECKED	BY	DATE	BRIDGE SHEET	
		DRAWN	JPJ	4/22	CHECKED			X OF X	
		QUANTITIES	JPJ	4/22	CHECKED			FILE NUMBER	
		ISSUE DATE						FRANCESTOWN	
		REV. DATE						139/102	
SHEET SCALE	AS NOTED	ISSUE DATE		FISCAL YEAR	2023	CREW	14	SHEET NO.	X
		REV. DATE						TOTAL SHEETS	X