

RIPRAP GRADATION  
 D15 < 18.5"  
 D50 < 24"  
 D100 < 42"  
 NOMINAL DIAMETER 21"

LEGEND

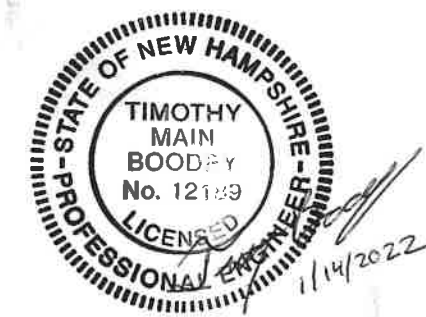
TYPE OF WETLAND IMPACT	SHADING/HATCHING	WETLAND DESIGNATION NUMBER
RIPRAP	[Hatched pattern]	# WETLAND IMPACT LOCATION
NEW HAMPSHIRE WETLANDS BUREAU (PERMANENT NON-WETLAND)	[Diagonal hatching]	[Symbol]
NEW HAMPSHIRE WETLANDS BUREAU & ARMY CORP OF ENGINEERS (PERMANENT WETLAND)	[Solid black]	[Symbol]
TEMPORARY IMPACTS	[Cross-hatch pattern]	[Symbol]

WETLAND CLASSIFICATION CODES	
R2UB12	RIVERINE, LOWER PERENNIAL, UNCONSOLIDATED BOTTOM, COBBLE-GRAVEL, SAND
BANK	BANK

NOTE:  
 WITHIN OHW OF DITCH [Symbol 1]  
 BETWEEN OHW AND TOB [Symbol 2]

- NOTE:
- 1) WETLANDS DELINEATED BY DOUG LOCKER ON 6/8/2018  
 DELINEATION REVIEWED BY MATT URBAN ON 7/27/2021  
 WETLANDS WERE DELINEATED IN ACCORDANCE WITH ENV-WT 406
  - 2) ALL WORK WILL BE CONDUCTED WITHIN EXISTING NHDOT ROW
  - 3) THE FEMA FLOOD PLANE LIMITS ARE BEYOND THE VIEW OF THIS DRAWING BASED ON IT'S SCALE.

WETLAND IMPACTS  
 SCALE: 1/16" = 1'



STATE OF NEW HAMPSHIRE DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE											
TOWN	CAMPTON	BRIDGE NO.	108/658	STATE PROJECT	40297						
LOCATION US 3 OVER BOG BROOK						WETLAND IMPACTS					
REVISIONS AFTER PROPOSAL						DESIGNED	BY	DATE	CHECKED	BY	DATE
						DRAWN	JPJ	8/21	CHECKED	TMR	1/22
						QUANTITIES	JPJ	8/21	CHECKED	TMR	1/22
SHEET SCALE AS NOTED						ISSUE DATE	FISCAL YEAR	CREW	SHEET NO.	TOTAL SHEETS	
						REV. DATE	2023	3	1	4	

WETLAND IMPACT SUMMARY

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	R2UB12	A			151	40	733	90			
2	BANK	B	171	17			381	31			
2	BANK	C					192	15			
2	BANK	D	173	14			424	44			
1	R2UB12	E					74	14			
2	BANK	F					114	21			
		TOTAL	344	31	151	40	1918	215	0	0	0

PERMANENT IMPACTS: 495 SF

TEMPORARY IMPACTS: 1918 SF

TOTAL IMPACTS: 2413 SF

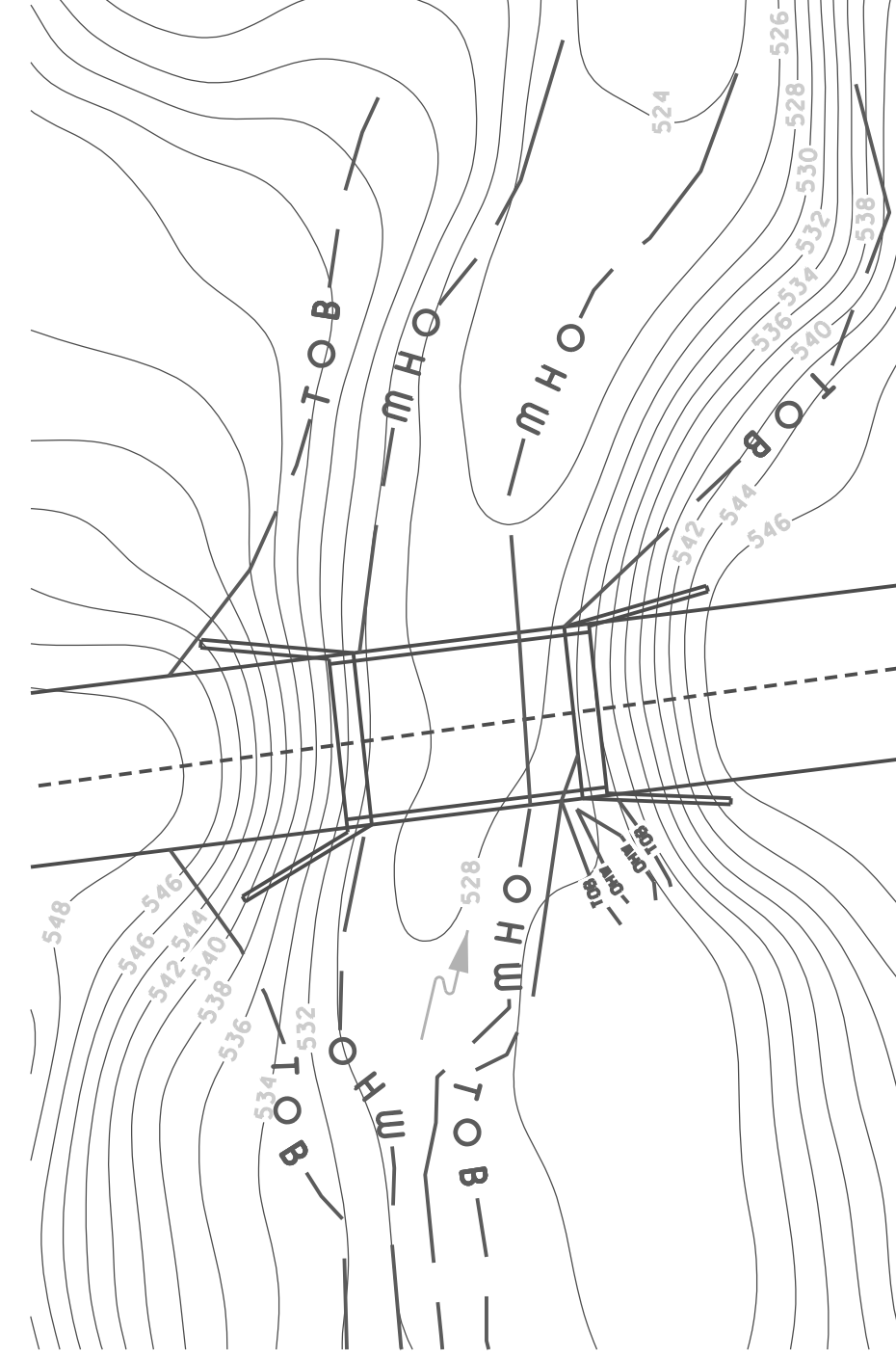
WETLAND IMPACTS SUMMARY TABLE

STATE OF NEW HAMPSHIRE										
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE										
TOWN	CAMPTON	BRIDGE NO.	108/058	STATE PROJECT	40297					BRIDGE SHEET
LOCATION	US 3 OVER BOG BROOK									2 OF 4
WETLAND IMPACTS SUMMARY TABLE										
DESIGNED		BY	DATE	CHECKED		BY	DATE	FILE NUMBER		
DRAWN	JPJ	8/21		CHECKED	TMB	8/21	CAMPTON			
QUANTITIES	JPJ	8/21		CHECKED	TMB	8/21	108/058			
ISSUE DATE		FISCAL YEAR	2023	CREW	3	SHEET NO.	2	TOTAL SHEETS		
REV. DATE								4		

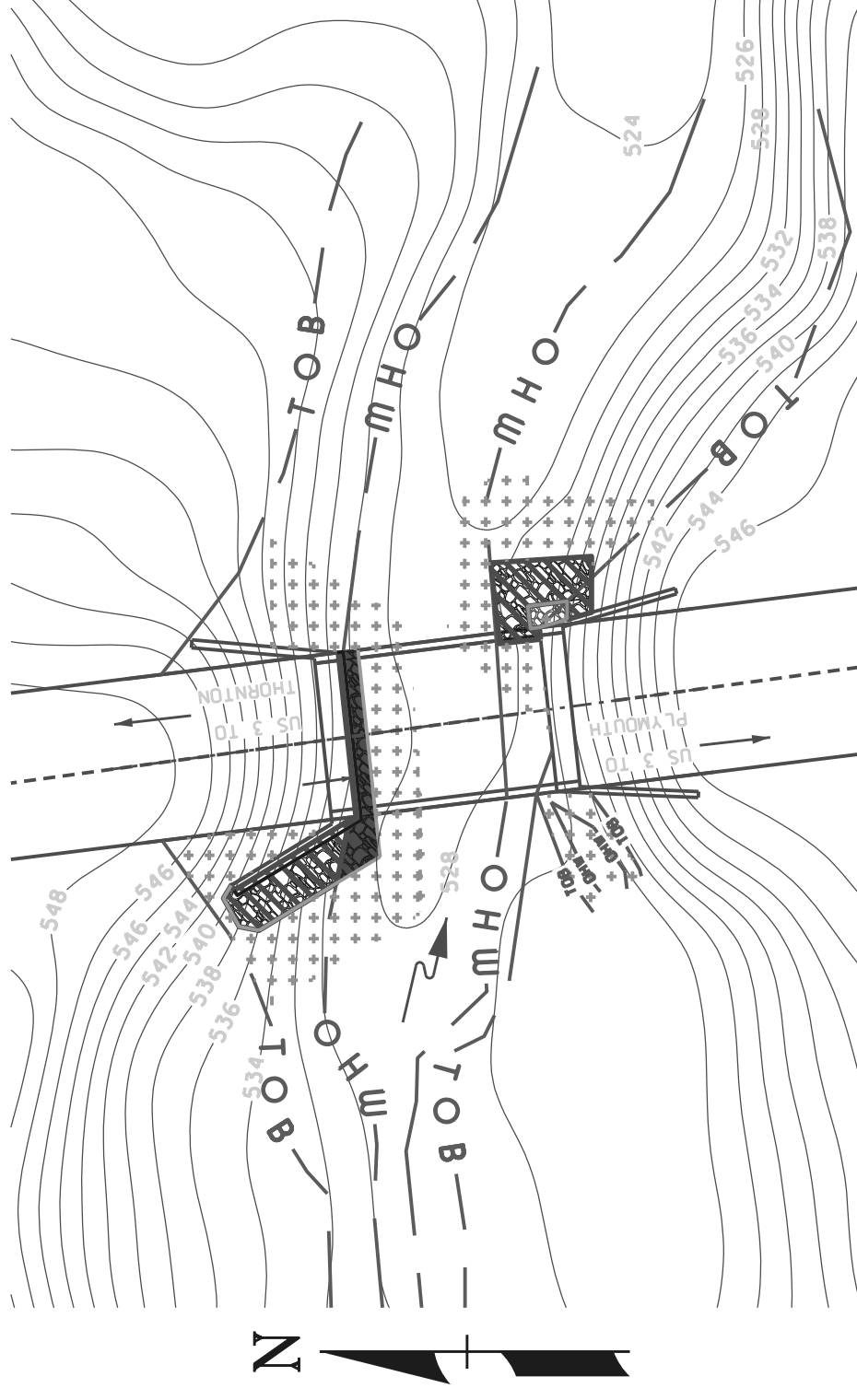
SHEET SCALE AS NOTED

# 2 FOOT CONTOUR MAP

SCALE: 1" = 15' - 0"

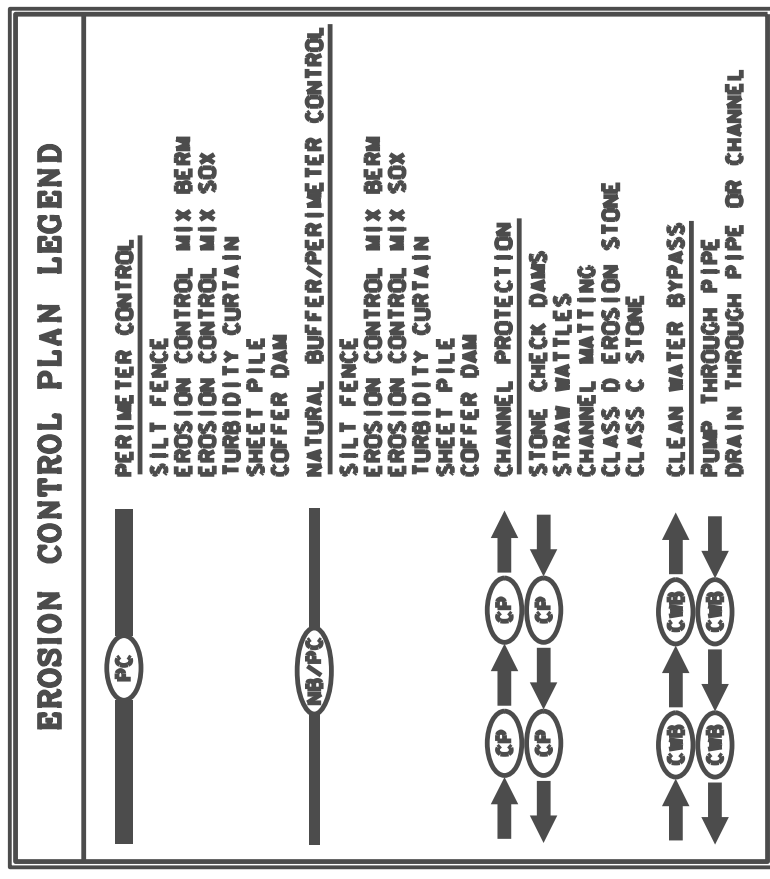


PRE CONSTRUCTION



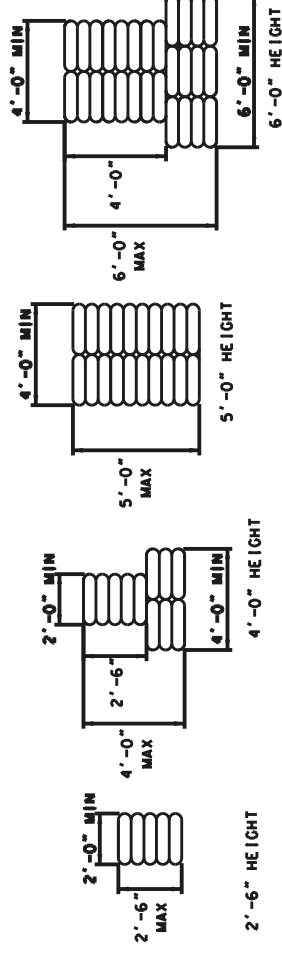
POST CONSTRUCTION

STATE OF NEW HAMPSHIRE										
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE										
TOWN	CAMPTON	BRIDGE NO.	108/058	STATE PROJECT	40297					
LOCATION US 3 OVER BOG BROOK										
2 FT CONTOUR MAPS										
REVISIONS AFTER PROPOSAL		BY	DATE	CHECKED	BY	DATE	BRIDGE SHEET		4 OF 4	
		DESIGNED					FILE NUMBER	CAMPTON		
		DRAWN	JPI 8/21	CHECKED	TMB	8/21	08/058			
		QUANTITIES	JPI 8/21	CHECKED	TMB	8/21	TOTAL SHEETS	4		
		ISSUE DATE		FISCAL YEAR	CREW	SHEET NO.	2023	3		
		REV. DATE						4		
SHEET SCALE AS NOTED										



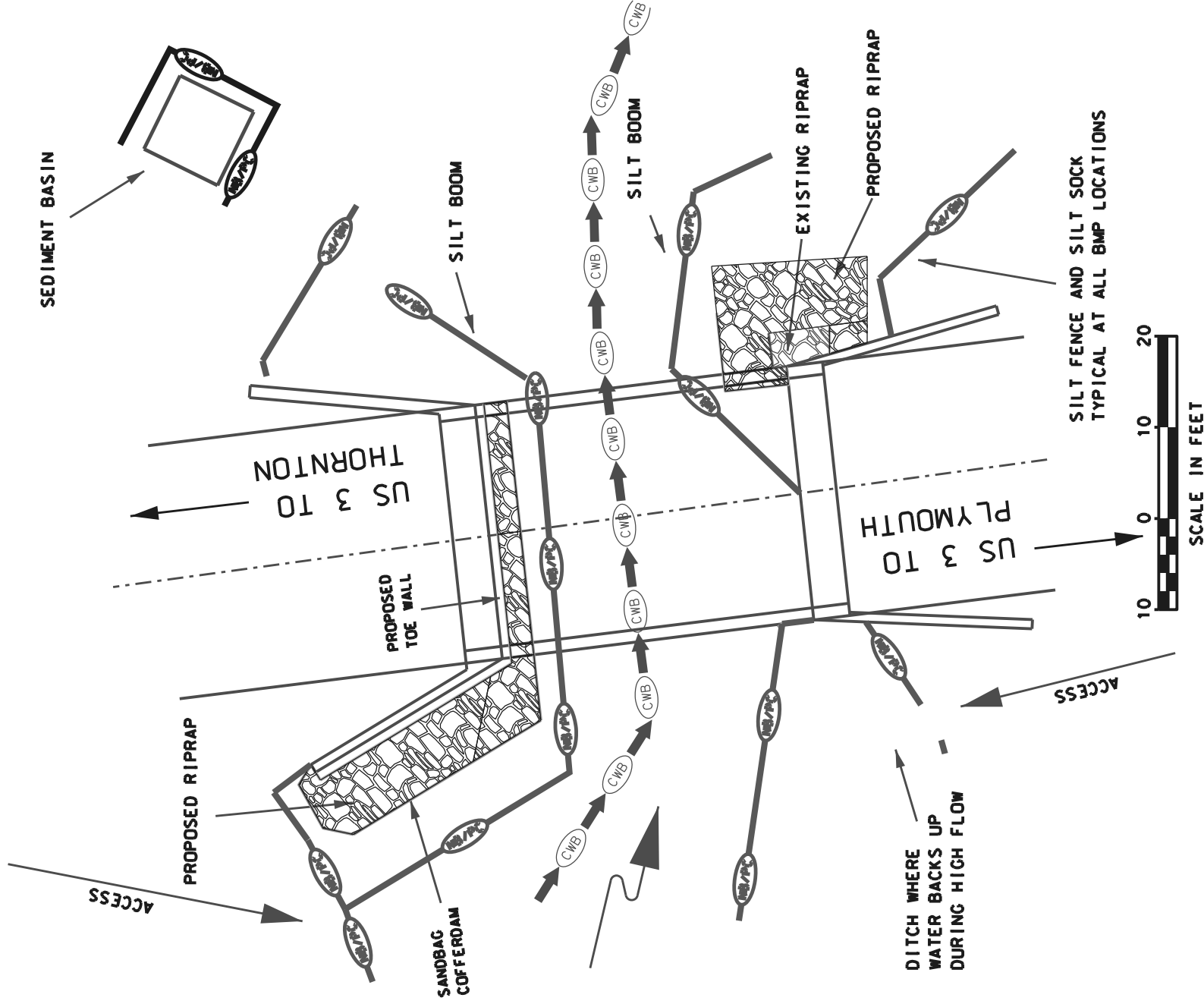
### COFFERDAM DETAILS

NOT TO SCALE



#### NOTES:

- 1) WORK WILL TAKE PLACE DURING LOW FLOW CONDITIONS. ANTICIPATED MAXIMUM FLOW DURING CONSTRUCTION IS 75 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
- 5) INVASIVE PLANTS (JAPANESE KNOTWEED) LOCATED AROUND THE STAGING AREA (SE CORNER) WILL BE MANAGED IN ACCORDANCE WITH THE NHDOT BMP MANUAL
- 6) No other staging areas beyond what is shown at SE will be used



## EROSION CONTROL PLAN

SCALE: 1/16" = 1'-0"

STATE OF NEW HAMPSHIRE			
DEPARTMENT OF TRANSPORTATION * BUREAU OF BRIDGE MAINTENANCE			
TOWN	CAMPTON	BRIDGE NO.	108/058
LOCATION	US 3 OVER BOG BROOK STATE PROJECT 40297		
EROSION CONTROL PLAN			
DESIGNED	BY DATE	CHECKED	BY DATE
DRAWN	JPI 8/21	CHECKED	TMB 8/21
QUANTITIES	JPI 8/21	CHECKED	TMB 8/21
ISSUE DATE	FISCAL YEAR	CREW	SHEET NO.
	2023	3	3
REV. DATE			
AS NOTED			

BRIDGE SHEET	3	OF	4
FILE NUMBER	CAMPTON 108/058		
TOTAL SHEETS	4		

SHEET SCALE: AS NOTED