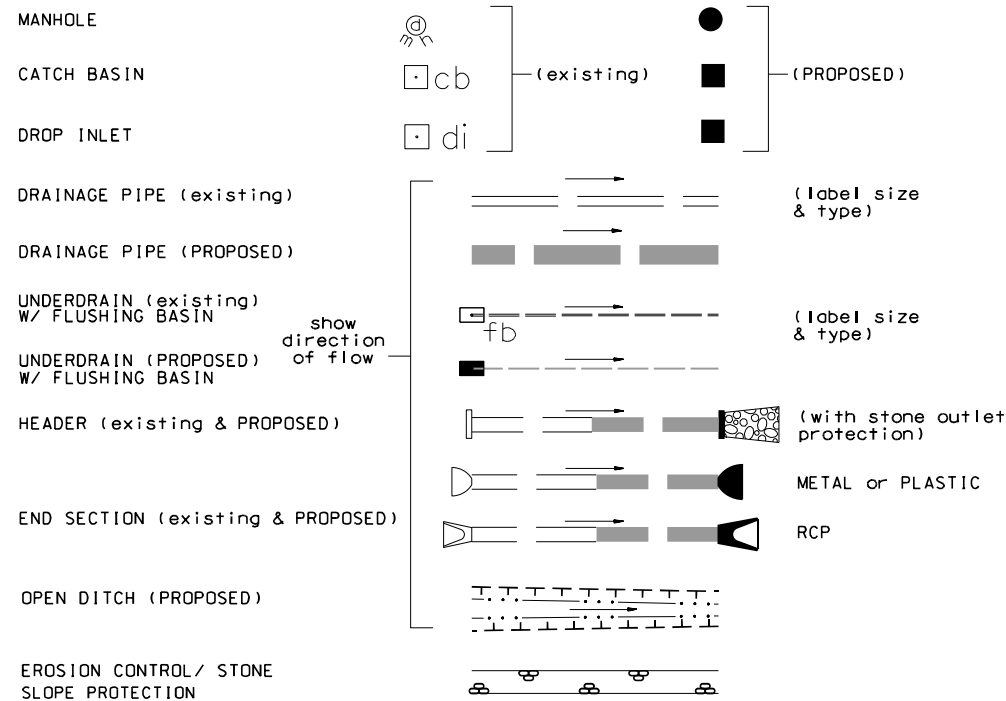
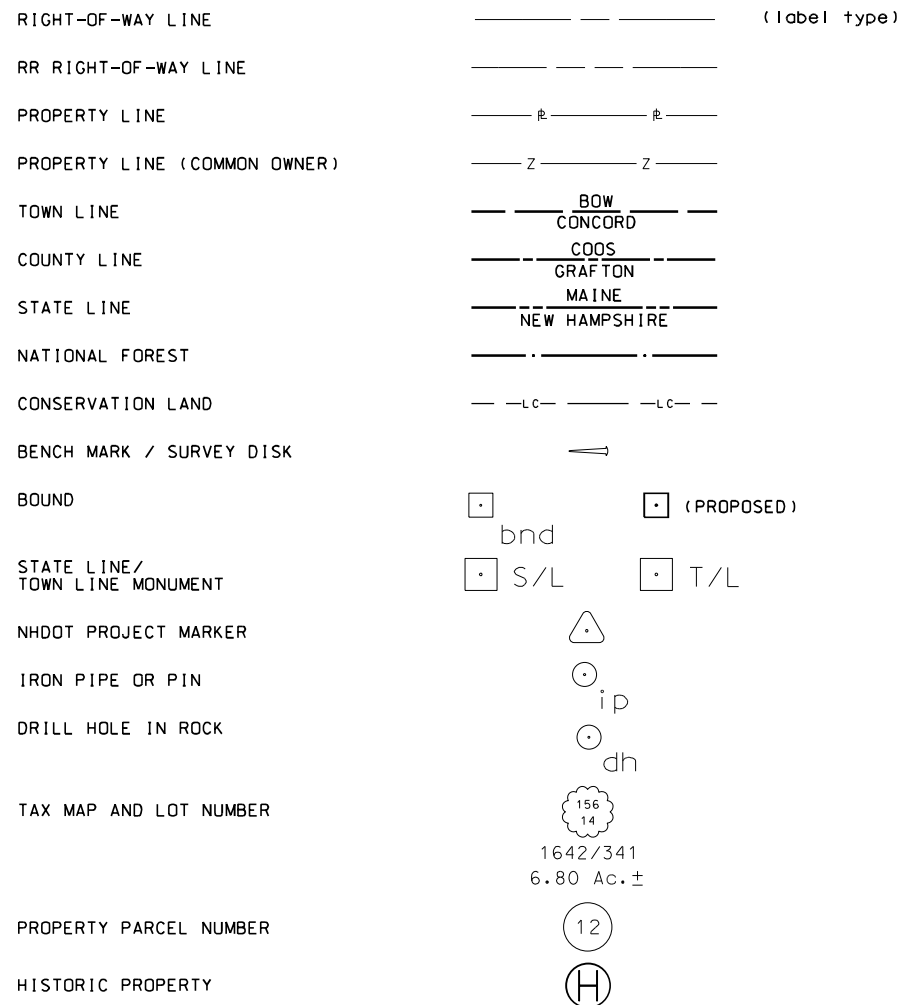


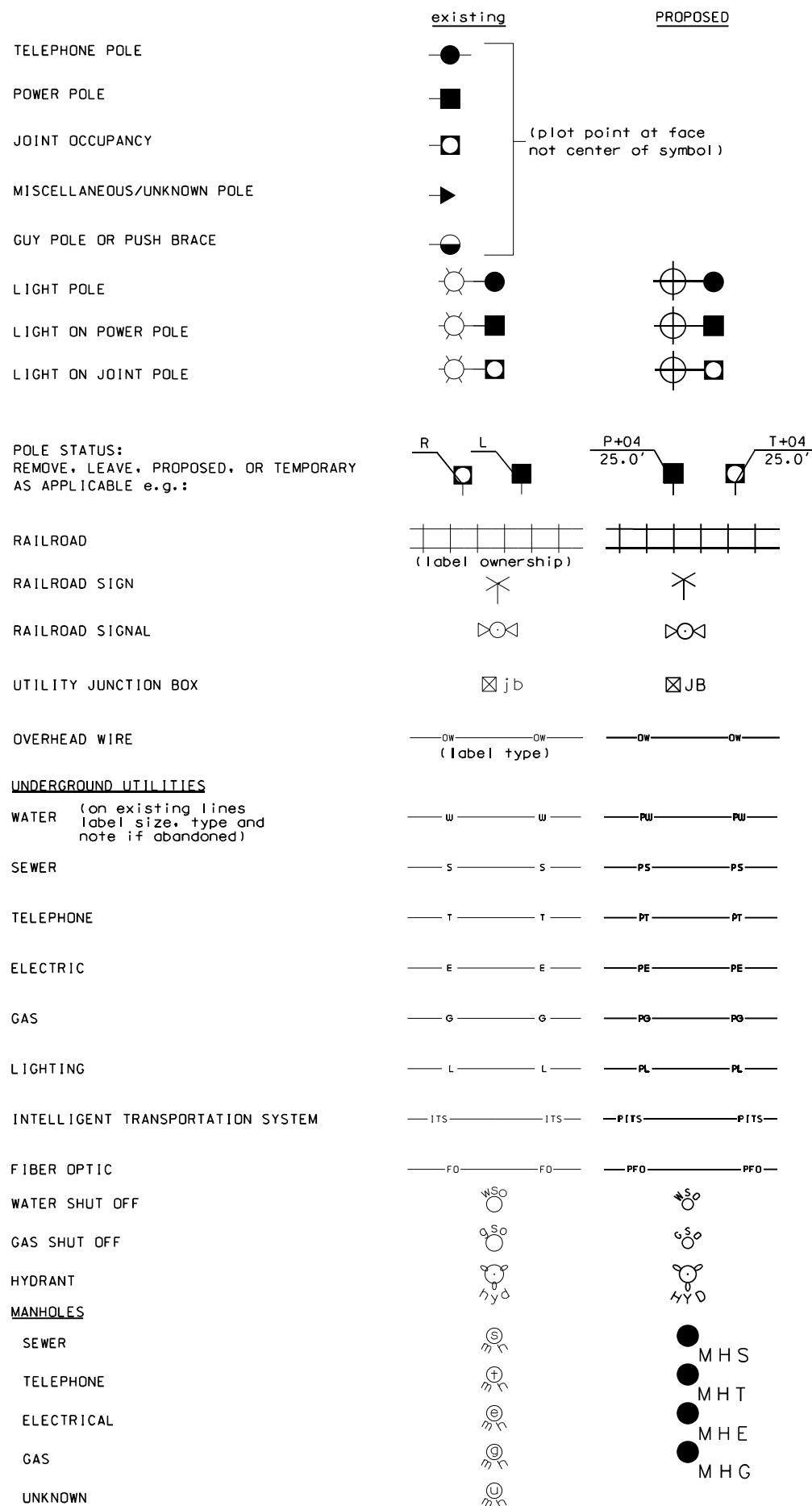
DRAINAGE



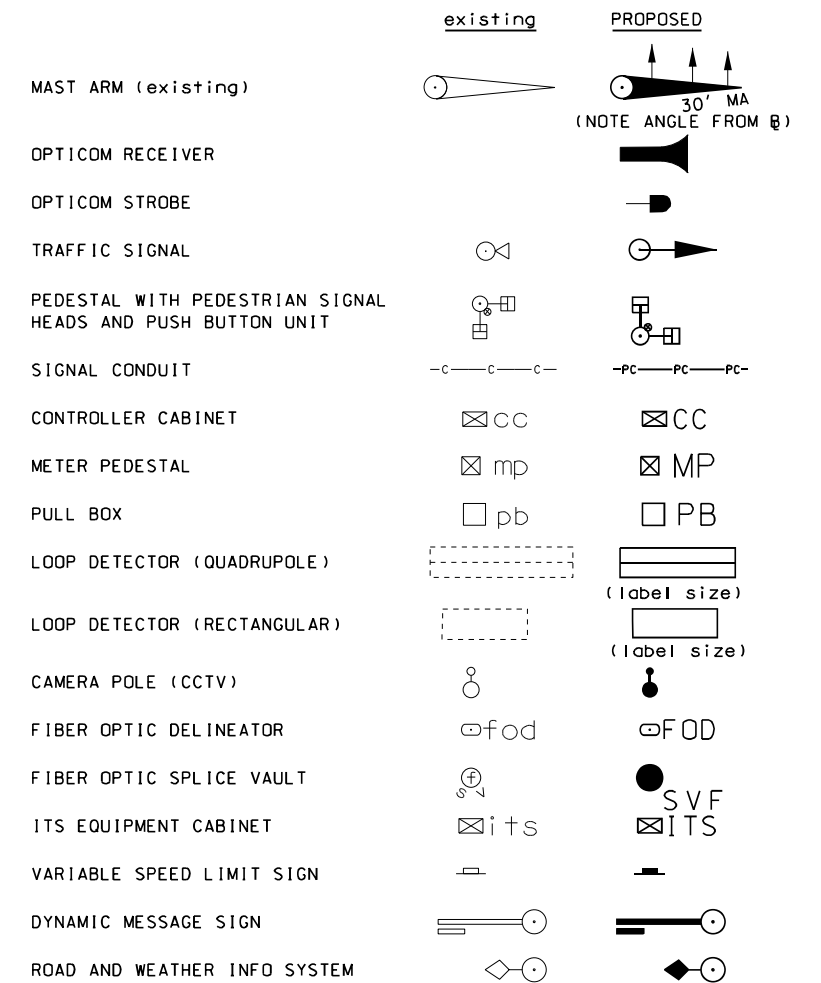
BOUNDARIES / RIGHT-OF-WAY



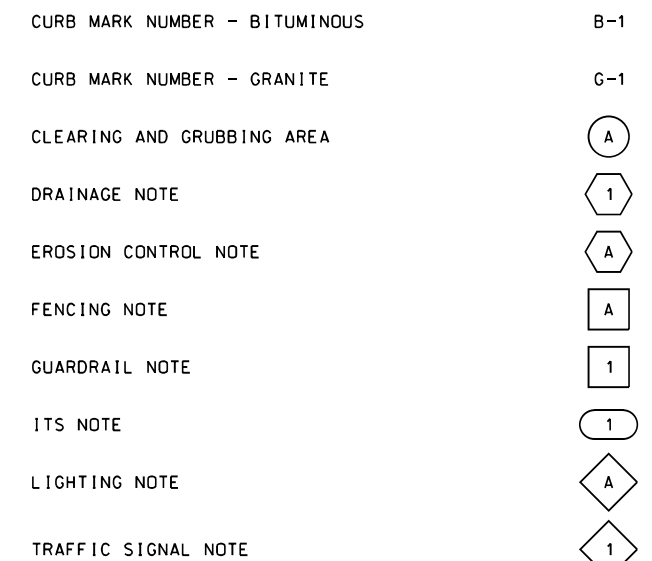
UTILITIES



TRAFFIC SIGNALS / ITS



CONSTRUCTION NOTES



SHEET 2 OF 2

STATE OF NEW HAMPSHIRE				
Standards				
DEPARTMENT OF TRANSPORTATION • BUREAU OF HIGHWAY DESIGN				
STANDARD SYMBOLS				
REVISION DATE	DGN	STATE PROJECT NO.	SHEET NO.	TOTAL SHEETS
9-1-2016	stdsymbol_2		1	2

GENERAL

EDGE OF PAVEMENT TRAVELED WAY			
DRIVEWAYS			
BUILDINGS			(label house or type of building)
FOUNDATION			
LEACH FIELD			
BRIDGE CROSSINGS			STREAM OVERPASS
STEPS AND WALK			
INTERMITTENT WATER COURSE			
SHORE LINE			river/stream pond (label name of water body)
POTENTIAL WET AREA SYMBOL			
BRUSH OR WOODS LINE			
TREES (PLANS)			
TREE OR STUMP (CROSS-SECTIONS)	(show station, circumference in feet & type)		
HEDGE			
MONITORING WELL			
WELL			
FLAG POLE			

ORIGINAL GROUND (TYPICALS)	
ROCK OUTCROP	
ROCK LINE (TYPICALS & SECTIONS ONLY)	
GUARDRAIL (label type)	
JERSEY BARRIER	
CURB (LABEL TYPE)	
STONE WALL	
RETAINING WALL (LABEL TYPE)	
FENCE (LABEL TYPE)	
SIGNS	
GAS PUMP	
FUEL TANK (ABOVE GROUND)	
STORAGE TANK FILLER CAP	
SEPTIC TANK	
GRAVE	
MAILBOX	
VENT PIPE	
SATELLITE DISH ANTENNA	
PHONE	
GROUND LIGHT/LAMP POST	
BORING LOCATION	
TEST PIT	
INTERSTATE NUMBERED HIGHWAY	
UNITED STATES NUMBERED HIGHWAY	
STATE NUMBERED HIGHWAY	

SHORELAND - WETLAND

WETLAND DESIGNATION AND TYPE	
DELINEATED WETLAND	
ORDINARY HIGH WATER	
TOP OF BANK	
TOP OF BANK & ORDINARY HIGH WATER	
NORMAL HIGH WATER	
WIDTH AT BANK FULL	
PRIME WETLAND	
PRIME WETLAND 100' BUFFER	
NON-JURISDICTIONAL DRAINAGE AREA	
COWARDIN DISTINCTION LINE	
TIDAL BUFFER ZONE	
DEVELOPED TIDAL BUFFER ZONE	
HIGHEST OBSERVABLE TIDE LINE	
MEAN HIGH WATER	
MEAN LOW WATER	
VERNAL POOL	
SPECIAL AQUATIC SITE	
REFERENCE LINE	
WATER FRONT BUFFER	
NATURAL WOODLAND BUFFER	
PROTECTED SHORELAND	
INVASIVE SPECIES LABEL	
INVASIVE SPECIES	

FLOODPLAIN / FLOODWAY

500 YEAR FLOODPLAIN BOUNDARY	
100 YEAR FLOODPLAIN BOUNDARY	
FLOODWAY	

ENGINEERING

CONSTRUCTION BASELINE	
PC, PT, POT (ON CONST BASELINE)	
PI (IN CONSTRUCTION BASELINES)	
INTERSECTION OR EQUATION OF TWO LINES	
ORIGINAL GROUND LINE (PROFILES AND CROSS-SECTIONS)	
PROFILE GRADE LINE (PROFILES AND CROSS-SECTIONS)	
CLEARING LINE	
SLOPE LINE	
SLOPE LINE (FILL)	
SLOPE LINE (CUT)	
PROFILES AND CROSS SECTIONS:	
ORIGINAL GROUND ELEVATION (LEFT)	
FINISHED GRADE ELEVATION (RIGHT)	

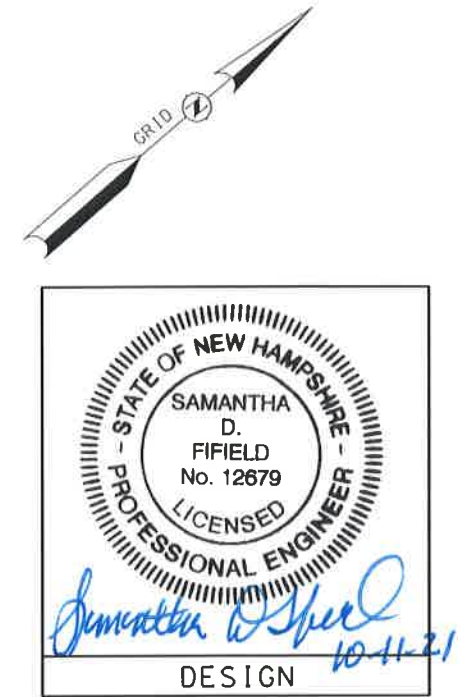
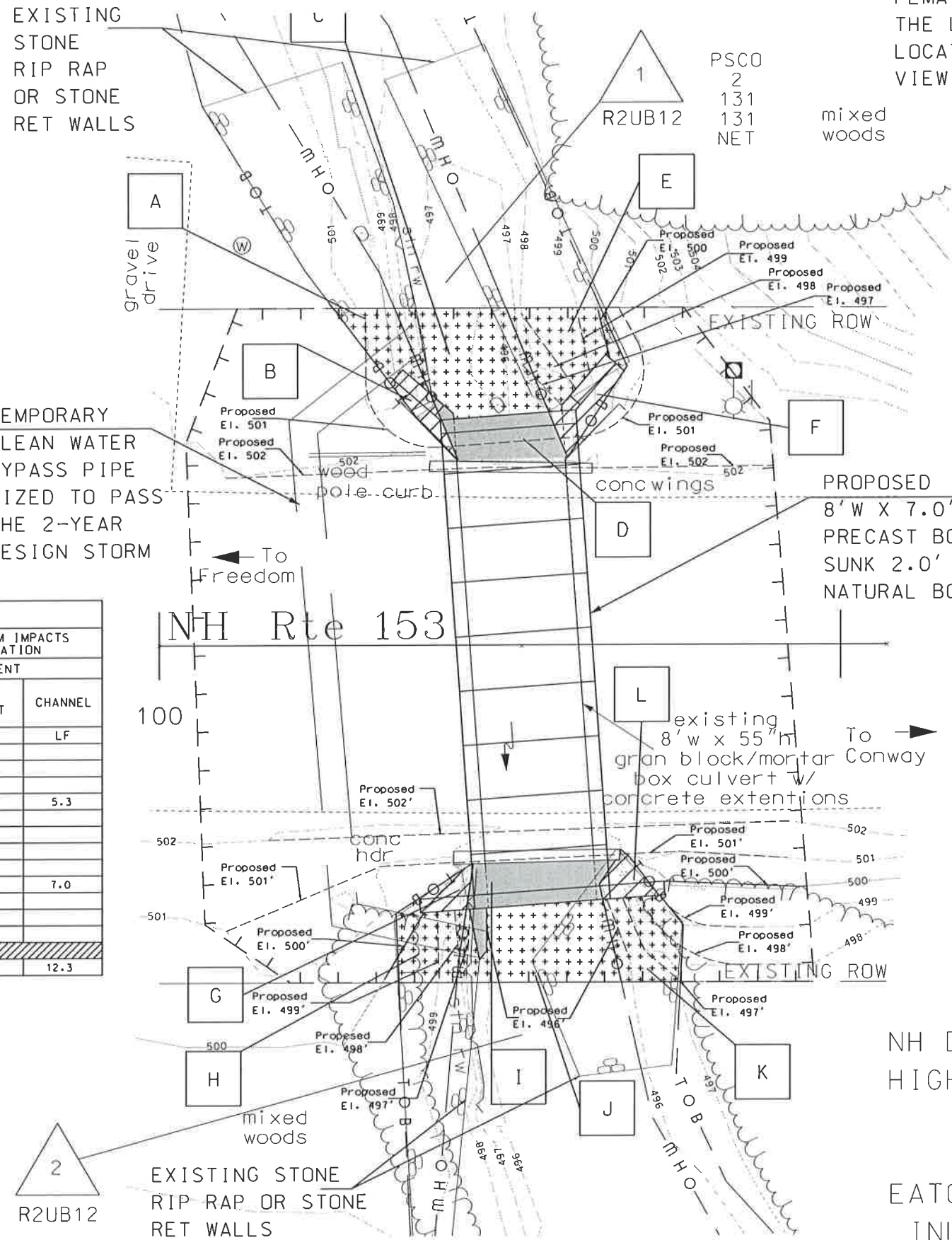
NHDOT STANDARD SYMBOLS SHEETS ARE ATTACHED TO THE PERMIT APPLICATION

WETLANDS DELINEATED BY:
SARAH LARGE & DEIDRA BENJAMIN
ON 06/01/2021

IMPACTS SHOWN ARE LOCATED WITHIN THE FEMA DESIGNATED 100-YEAR FLOODPLAIN. THE LIMITS OF THE FLOODPLAIN ARE LOCATED OUTSIDE OF THE SITE PLAN VIEW SHOWN ON THIS SHEET.

LEGEND

TYPE OF WETLAND IMPACT	SHADING/HATCHING	#	WETLAND DESIGNATION NUMBER
NEW HAMPSHIRE WETLANDS BUREAU (PERMANENT NON-WETLAND)	[Diagonal Hatching]	#	WETLAND IMPACT LOCATION
NEW HAMPSHIRE WETLANDS BUREAU & ARMY CORP OF ENGINEERS (PERMANENT WETLAND)	[Solid Grey]	#	WETLAND MITIGATION AREA
TEMPORARY IMPACTS	[Cross-hatching]	[Cross-hatching]	MITIGATION



WETLAND IMPACT SUMMARY											
WETLAND NUMBER	WETLAND CLASSIFICATION	LOCATION	AREA IMPACTS						LINEAR STREAM IMPACTS FOR MITIGATION		
			PERMANENT			TEMPORARY			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	SF	LF	LF
	BANK	A					18.6	6.8			
1	R2UB12	B	9.0	5.3					63.3	8.7	
1	R2UB12	C									
	BANK	D			27.0	5.3					5.3
	BANK	E					38.6	8.2			
	BANK	F	15.5	3.6							3.6
	BANK	G	7.9	3.3							
	BANK	H					25.1	5.4			
2	R2UB12	I			34.0	7.0					7.0
2	R2UB12	J					60.4	5.8			
	BANK	K					30.4	6.2			
	BANK	L	8.6	3.6							3.6
TOTAL			41.0	15.8	61.0	12.3	236.4	41.1	8.6	7.2	12.3

PERMANENT IMPACTS: 102.0 SF
TEMPORARY IMPACTS: 236.4 SF
TOTAL IMPACTS: 338.4 SF



SCALE IN FEET

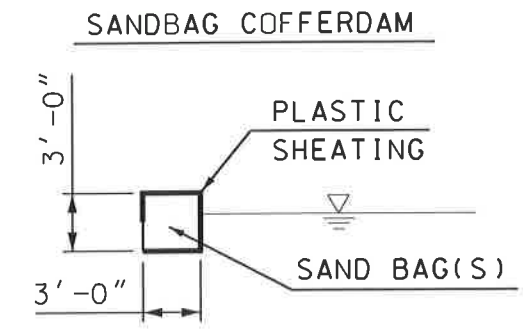
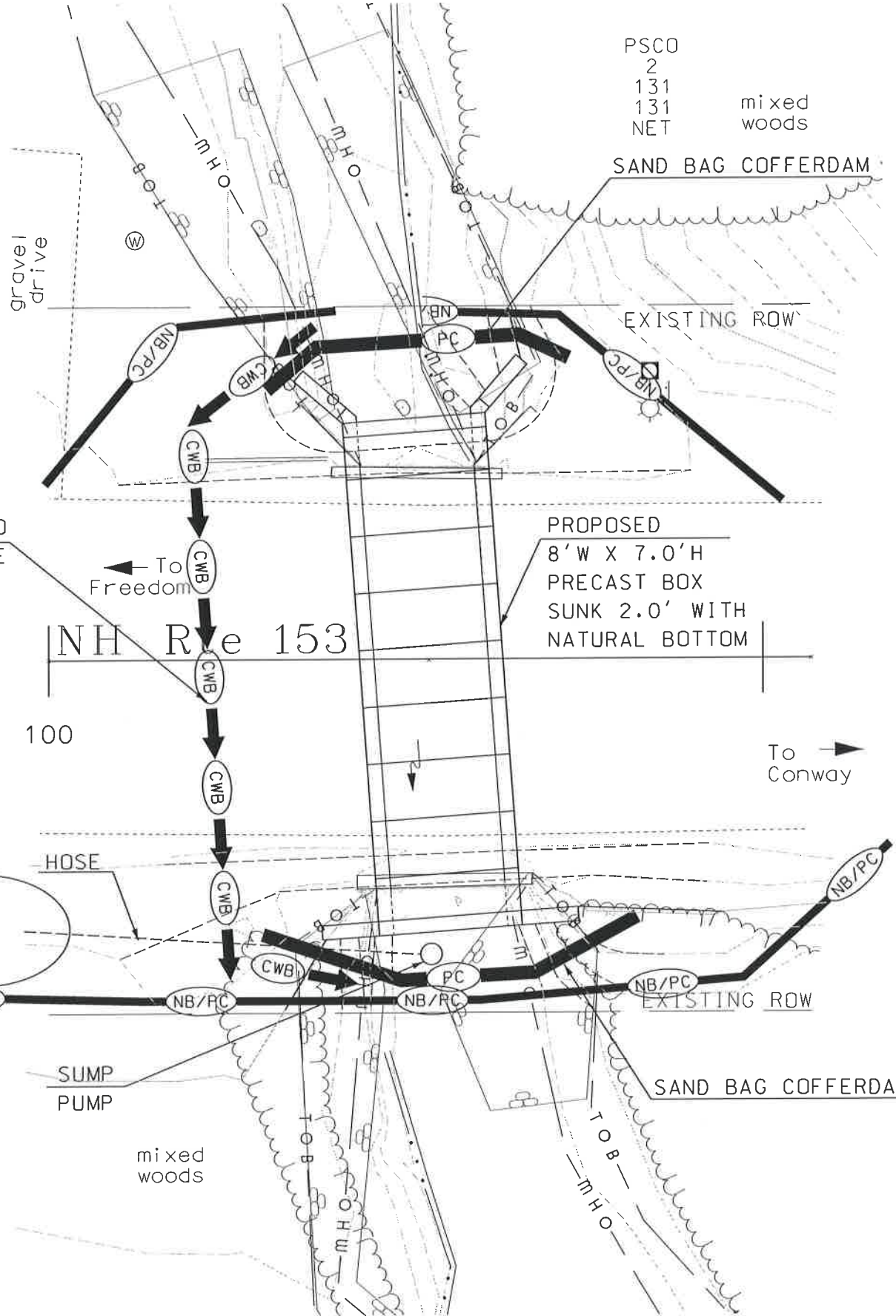
WETLAND IMPACT PLANS
DATE 10-11-2021

NH DEPARTMENT OF TRANSPORTATION
HIGHWAY MAINTENANCE DISTRICT 3
CULVERT REPLACEMENT
PROJECT 2020-M303-1
EATON - NH ROUTE 153 OVER THE
INLET BROOK TO CRYSTAL LAKE

NHDOT STANDARD SYMBOLS SHEETS ARE ATTACHED TO THE PERMIT APPLICATION

WETLANDS DELINEATED BY:
 SARAH LARGE & DEIDRA BENJAMIN
 ON 06-01-2021

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



STATE OF NEW HAMPSHIRE
 SAMANTHA
 D. FIFIELD
 No. 12879
 LICENSED
 PROFESSIONAL ENGINEER
 DESIGN 10-11-21

EROSION CONTROL PLANS
 DATE 10-11-2021

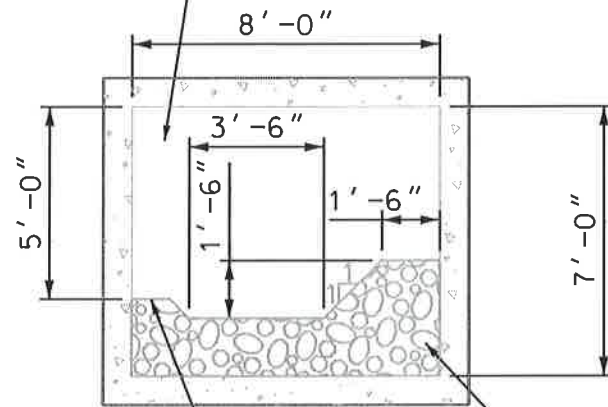
NH DEPARTMENT OF TRANSPORTATION
 HIGHWAY MAINTENANCE DISTRICT 3
 CULVERT REPLACEMENT
 PROJECT 2020-M303-1
 EATON - NH ROUTE 153 OVER THE
 INLET BROOK TO CRYSTAL LAKE



EATON 1832-H-1 (2020-M303-1)

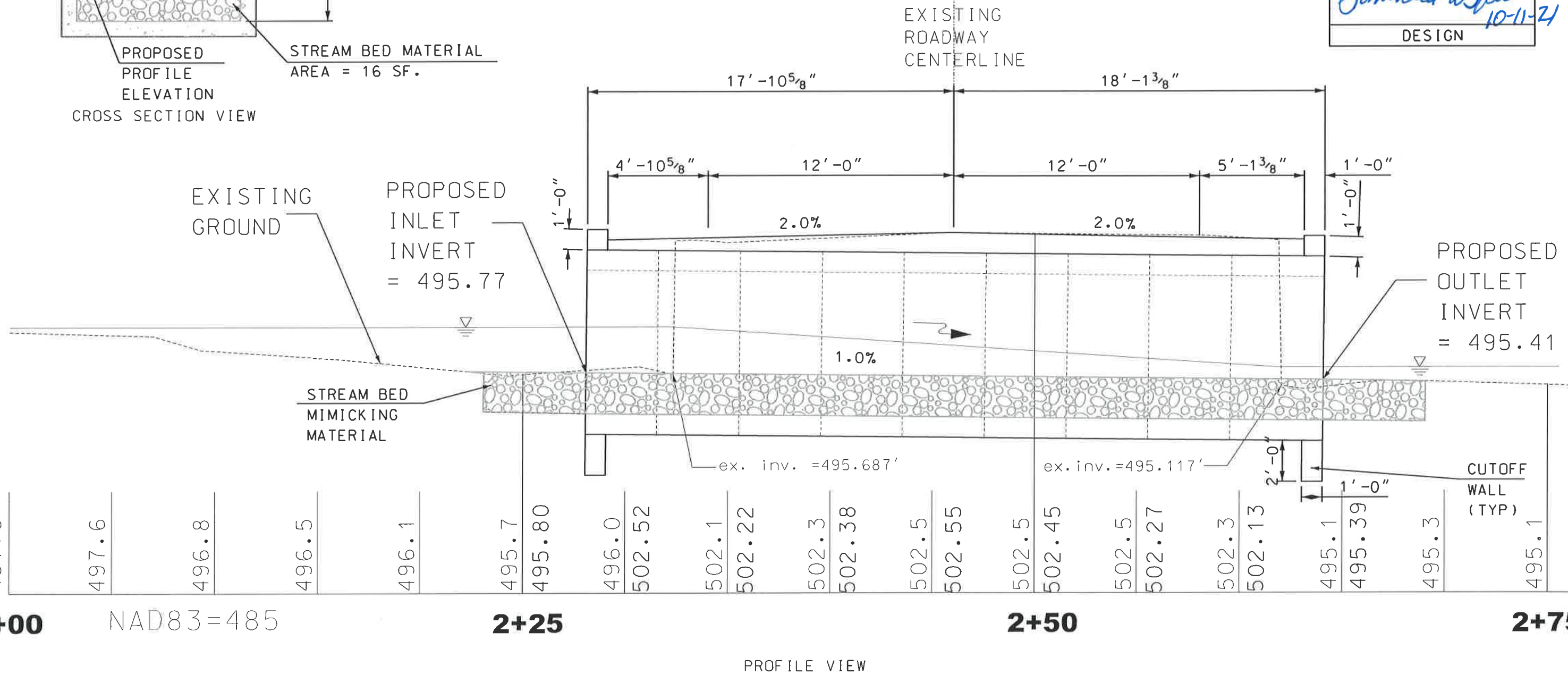
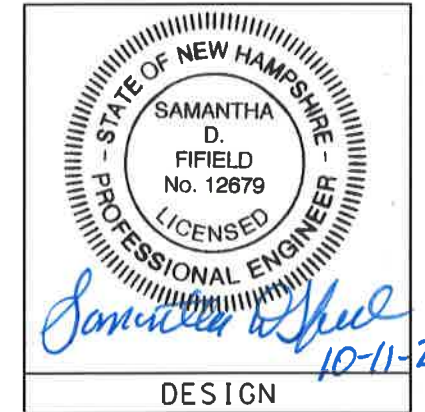
NH 153 OVER NO NAME BROOK TO CRYSTAL LAKE

HYDRAULIC
OPENING
AREA = 40 SF.



PROPOSED PROFILE ELEVATION CROSS SECTION VIEW
STREAM BED MATERIAL AREA = 16 SF.

THE PROPOSED CROSSING'S TOTAL OPEN AREA SHALL BE EQUAL TO 40 SF. THE MATERIAL USED TO FILL THE INVERT OF THE PROPOSED CULVERT SHALL BE STOCKPILED MATERIALS SALVAGED FROM WITHIN THE EXISTING CULVERT CROSSING. IF EXCESS MATERIAL IS REQUIRED, IT SHALL BE GRADED SIMILARLY TO THE GRADING NOTED IN SECTION 8 OF THE STREAM CROSSING WORKSHEET COMPLETED FOR THIS LOCATION. THE NATURAL BED MATERIAL SHALL HAVE A CROSS SECTIONAL AREA EQUAL TO 16 SF AND SHALL BE GRADED TO ALLOW FOR WILDLIFE CROSSINGS AT ELEVATIONS ABOVE NORMAL CHANNEL FLOW.



PROFILE VIEW