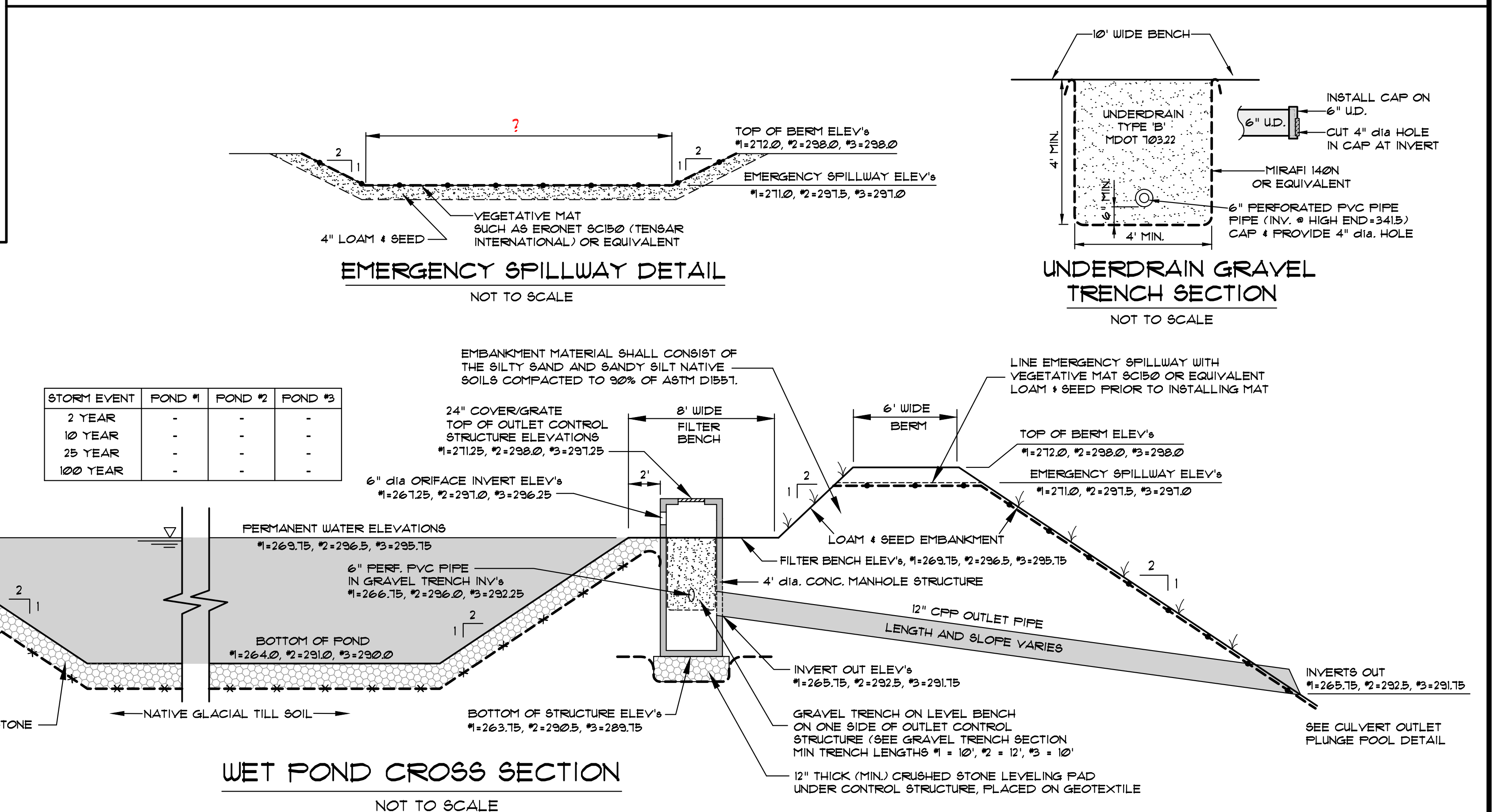


**POND CONSTRUCTION NOTES**

- 1) THE WINTER CONSTRUCTION METHODS NOTED BELOW SHALL BE TAKEN IF THE POND IS CONSTRUCTED BETWEEN SEPTEMBER 1 AND JUNE 1. IN ADDITION, THE QUALIFIED THIRD PARTY INSPECTOR SHALL BE PRESENT TO OBSERVE THE EXCAVATION AND CONSTRUCTION OF THE POND. SITE VISITS SHALL BE MADE ON EACH DAY THAT POND CONSTRUCTION IS BEING PERFORMED. REPORTS OF FIELD INSPECTIONS WHICH INCLUDE A SUMMARY OF THE WORK COMPLETED AND ANY DIRECTIONS GIVEN OR TAKEN.
- 2) POND EMBANKMENT SOIL SHALL CONSIST OF THE NATIVE SILTY SAND AND SANDY SILT SOIL. THE MAXIMUM PARTICLE SIZE SHALL BE LIMITED TO 8". POND EMBANKMENT SOIL SHALL BE PLACED IN 12" LIFTS. EACH LIFT SHALL BE SCARIFIED PRIOR TO PLACING THE NEXT LIFT.
- 3) EXCAVATED SLOPE FOR THE POND SHALL BE STABILIZED TO CONTROL THE POTENTIAL FOR GROUNDWATER SEEPAGE. THE STABILIZATION LOCATIONS AND MEASURES SHALL BE DETERMINED BY THE QUALIFIED THIRD PARTY DURING THE EXCAVATION.
- 4) THE APPLICANT WILL RETAIN THE SERVICES OF A PROFESSIONAL ENGINEER TO INSPECT THE CONSTRUCTION AND STABILIZATION OF ALL STORMWATER MANAGEMENT STRUCTURES TO BE BUILT AS PART OF THE PROJECT. IF NECESSARY, THE INSPECTING ENGINEER WILL INTERRUPT THE CONSTRUCTION PLANS FOR THE CONTRACTOR.
- 5) TESTING AND SUBMITTALS - ALL SOIL AND AGGREGATE USED FOR THE CONSTRUCTION OF THE WET POND'S IMPROVED EMBANKMENT AND THE UNDERDRAINED GRAVEL TRENCH OUTLET MUST BE CONFIRMED AS SUITABLE BY TESTING. THE CONTRACTOR SHALL IDENTIFY THE LOCATION OF THE SOURCE OF EACH FILL OR AGGREGATE AND OBTAIN SAMPLES FOR TESTING. ALL TESTING MUST BE DONE BY A CERTIFIED LABORATORY. ALL RESULTS OF FIELD AND LABORATORY TESTING SHALL BE SUBMITTED TO THE PROJECT ENGINEER FOR CONFIRMATION. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE COMPLETION OF THE FOLLOWING SAMPLING AND TESTING BEFORE THE FILL OR AGGREGATE IS PLACED AS PART OF THE WET POND'S CONSTRUCTION. OBTAIN A SAMPLE OF THE GRAVEL FILL TO BE USED FOR THE UNDERDRAINED GRAVEL TRENCH FILTER. THE SAMPLE MUST BE A COMPOSITE OF THREE DIFFERENT LOCATIONS (GRABS) FROM THE STOCKPILE OR PIT FACE. THE SAMPLE SIZE REQUIRED WILL BE DETERMINED BY THE TESTING LABORATORY. PERFORM A SIEVE ANALYSIS CONFORMING TO ASTM D136 (STANDARD TESTING METHOD FOR SIEVE ANALYSIS OF FINE AND COURSE AGGREGATES 1996A) OF THE FILL FOR THE UNDERDRAINED GRAVEL TRENCH OUTLET. THE FILL MUST CONFORM TO "M20" 10322 TYPE B BUT WITH 10% TO 15% BY WEIGHT PASSING THROUGH THE #50 SIEVE.

**WINTER CONSTRUCTION**

- 1) WINTER CONSTRUCTION IS CONSTRUCTION ACTIVITY PERFORMED DURING THE PERIOD FROM NOVEMBER 1 - APRIL 15. IF DISTURBED AREAS ARE NOT STABILIZED BY NOVEMBER 1 OR NEW SOIL DISTURBANCE OCCURS AFTER NOVEMBER 1, BUT BEFORE APRIL 15, THEN THESE AREAS MUST BE PROTECTED AND RINOFF FROM THEM MUST BE CONTROLLED BY ADDITIONAL MEASURES AND RESTRICTIONS.
- 2) SITE STABILIZATION - FOR WINTER STABILIZATION, HAY MULCH IS APPLIED AT TWICE THE STANDARD TEMPORARY STABILIZATION RATE. AT THE END OF EACH CONSTRUCTION DAY, AREAS THAT HAVE BEEN BROUGHT TO FINAL GRADE MUST BE STABILIZED. MULCH MAY NOT BE APPLIED ON TOP OF SNOW.
- 3) SEDIMENT BARRIERS - ALL AREAS WITHIN 75' OF A PROTECTED NATURAL RESOURCE MUST BE PROTECTED WITH A DOUBLE ROW OF SEDIMENT BARRIERS.
- 4) DITCH - ALL VEGETATIVE DITCH LINES THAT HAVE NOT BEEN STABILIZED BY NOVEMBER 1 OR WILL BE WORKED DURING THE WINTER CONSTRUCTION PERIOD, MUST BE STABILIZED WITH AN APPROPRIATE STONE LINING BACKED BY AN APPROPRIATE GRAVEL BED OR GEOTEXTILE UNLESS SPECIFICALLY RELEASED FROM THIS STANDARD BY THE DEPARTMENT.
- 5) SLOPES - MULCH NETTING MUST BE USED TO ANCHOR MULCH ON ALL SLOPES GREATER THAN 8% UNLESS EROSION CONTROL BLANKETS OR EROSION CONTROL MIX IS BEING USED ON THESE SLOPES.



STORM EVENT	POND #1	POND #2	POND #3
2 YEAR	-	-	-
10 YEAR	-	-	-
25 YEAR	-	-	-
100 YEAR	-	-	-

NO.	REV.	BY:	DATE:	DESCRIPTION:
1		SJR	1-27-2026	REVISED POND AND DRIVEWAY LAYOUT

**SJR ENGINEERING, INC.**  
 16 THURSTON DRIVE  
 MONMOUTH, MAINE 04259  
 (207) 242-6245 tel  
 steve@sjeeng.com

**WET PONDS 1 & 2**  
 WATER RUNS  
 19 MOOSE RUN DRIVE - MONMOUTH, MAINE  
 PREPARED FOR  
**CHASE MORRILL**

DATE	PROJECT
OCT. 2025	1
DRAWN BY	SCALE
SJR	1" = 20'