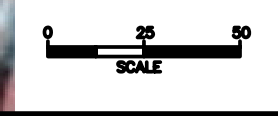


- NOTE:
1. THE 18" Ø EXISTING STORMWATER SEWER PIPE END INVERT SHOULD BE RAISED FROM FROM 90.88 TO 91.88. THERE IS STANDING WATER AT THE END OF THIS PIPE, BY RAISING THE PIPE, IT WILL REMOVE THE STANDING WATER ON SITE FROM THE SITE PROTECTING THE NEIGHBORHOOD FROM MOSQUITO PROBLEMS.
  2. THE CROSS SECTIONS ABOVE WERE TAKEN FORM THE HEC-RAS FILE AND ARE APPROXIMATED.
  3. THE PROPOSED CONSTRUCTED WETLAND WILL PROVIDE AN EXTRA STORAGE CAPACITY OF 235,200 GALLONS FOR THE 2 YEAR STORM AND 439,040 GALLONS FOR THE 10 YEAR STORM.
  4. \*INVERT ELEVATIONS BASED ON ARBITRARY BENCHMARKS SET IN THE FIELD TO DETERMINE THE SLOPE OF THE PIPE
  5. THIS IS NOT FOR PERMITTING OR CONSTRUCTION USE, THIS DRAWING IS ONLY TO BE USED FOR CONCEPTUAL PURPOSES.



CHRISTOPHER C. OBROPTA, Ph.D., P.E. PROFESSIONAL ENGINEER - NJ LICENSE # 37632		DATE
DRAWN DESIGNED APPROVED SPW/SPW/CCO	DATE APPROVED DATE	DATE
MILESTONE 4 OF REGIONAL STORMWATER MANAGEMENT PLAN FOR THE TROY BROOK NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION PUBLIC WORKS BUILDING AND PARIS PLACE CONSTRUCTED WETLANDS CONCEPT PLANS		
		SHEET # <b>E4</b>
WATER RESOURCES PROGRAM 14 COLLEGE FARM ROAD NEW BRUNSWICK, NJ 08901		TOTAL