

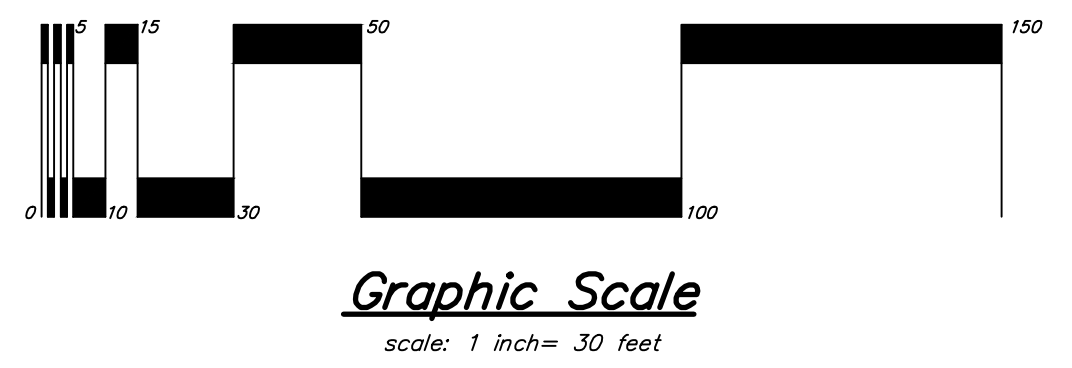
- Notes:**
- ELEVATION DATUM IS BASED UPON AN APPROXIMATION OF THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 1988). ELEVATIONS WERE DETERMINED BASED UPON A NORMAL WATER ELEVATION OF 2.84 PROVIDED BY DENNIS BURGESSON OF KMA ENGINEERING CONSULTANTS INC. FOR WORK PERFORMED FOR THE NEW JERSEY DEPARTMENT OF TRANSPORTATION. THE WATER ELEVATION CONTROLLING STRUCTURE IS A SPILLWAY LOCATED BENEATH THE BLACK HORSE PIKE AT THE CONFLUENCE OF NEWTON LAKE AND PETERS CREEK. TOP OF SPILLWAY ELEVATION IS 2.67. MEAN HIGH WATER ELEVATION IS 2.84. BENCHMARK P.K. ELEVATION 50.00 IN EASTERLY EDGE OF BITUMINOUS PARKING AREA AT KERFOOT COMMUNITY CENTER.
  - 150' RIPARIAN BUFFER DISTANCE HAS BEEN ASSIGNED DUE TO THE ASSUMED PRESENCE OF ACID-PRODUCING SOILS.
  - STORM IMPROVEMENTS SHOWN PERFORMED IN WINTER 2016 UTILIZED NJDOT DISCRETIONARY AID, COUNTY OPENSOURCE FUNDS AND CDBG FUNDS.

Matchline A - Station 18+00  
(See sheet 1 of 2)

End of Project - Station 27+50

**NOTE:**  
EXCAVATION UNCLASSIFIED SHALL BE REUTILIZED ON SITE AS EMBANKMENT TO CONSTRUCT RAIN GARDEN BERM AND SWALE BERM. ALL EXCESS MATERIAL SHALL REMAIN WITHIN THE BOROUGH OF AUDUBON PARK.

- LEGEND:**
- SUBSURFACE EXCAVATION OVER HOT ASPHALT MIX, 9.5M<sup>6</sup>, 2" THICK
  - SUBSURFACE EXCAVATION OVER DENSE GRADED AGGREGATE, 4" THICK
  - SUBSURFACE EXCAVATION TOPSOIL, 4" THICK AND HYDROSEEDING
  - RAIN GARDEN STORMWATER BASIN
  - TOPSOIL, 4" THICK AND HYDROSEEDING
  - STONE SCREENINGS, 6" THICK



CONTRACTOR MUST COMPLY WITH ALL N.J.D.O.T. STANDARD SPECIFICATIONS 2007, ITS AMENDMENTS AND SUPPLEMENTARY SPECIFICATIONS FOR STATE AID PROJECTS. PARTIALLY FUNDED THROUGH N.J.D.O.T. MUNICIPAL AID PROGRAM, FY2015.

REPRODUCTION, ALTERATION AND AMENDMENT OF THIS PLAN SHALL BE PERFORMED ONLY BY KEY ENGINEERS, INC. AND SHALL BE PERFORMED UNDER THE ABSOLUTE DIRECTION OF THE LICENSED PROFESSIONAL WHOSE NAME AND SIGNATURE APPEARS HEREON.

1	12/1/17	Updated Outfall Improvements	J.K.	GBF
REV.	DATE:	DESCRIPTION	DRWN.	CHKD.
<b>Supplemental MS4 Map</b>				
<i>Peter's Creek Riparian Corridor Restoration</i>				
Block 1, Lot 1, Borough of Audubon Park Camden County, New Jersey				
DATE: 10/23/12	DRAWN BY: I.D./S.H.	CHKD. BY: G.B.F.	SCALE: 1	
PROJECT No. 40-09	FIELD BOOK/PAGE:		SHEET No. 2	
<b>GREGORY BLASE FUSCO</b> PROFESSIONAL ENGINEER				
NJPE No. 32853		P.A.P.E. No. 036608-E NJ PROFESSIONAL PLANNER No. 4076		
		KEY ENGINEERS, INC.		
80 S. WHITE HORSE PIKE BERLIN, NEW JERSEY 08009-2399 www.keyengineers.com		phone: (856) 767-6111 fax: (856) 763-1091 CERTIFICATE OF AUTHORIZATION #246A28041300		
				DATE _____