




NOTES:

1. ORIGINALLY THIS WAS DESIGNED AS TWO WET PONDS FOR STORMWATER MANAGEMENT AND AESTHETICS.
2. THE LINER WAS PUNCTURED ON THE EASTERN WET POND WHICH TRANSFORMED IT FROM A POND TO AN INFILTRATION BASIN.
3. ALTHOUGH IT FUNCTIONS WELL AS AN INFILTRATION BASIN. THE BASIN IS NATURALIZED AND LACKS THE LANDSCAPE APPEARANCE OF THE REMAINDER OF THE CORPORATE CENTER.
4. IT IS RECOMMENDED THAT THE SITE SHOULD BE IMPROVED FOR AESTHETICS AND STORAGE.
5. MASS PLANTINGS OF NATIVE SHRUBS AND PERIENNIALS SUCH AS SWAMP AZALEA, INKBERRY HOLLY, CARDINAL FLOWER, BLUE IRIS, ETC WOULD ENHANCE THE AESTHETICS OF THE SITE.
6. A PATH IS RECOMMENDED TO BE BUILT THROUGH THE INFILTRATION BASIN SO EMPLOYEES OF THE CORPORATE CENTER CAN ENJOY BEAUTY OF THE SITE. THE PATH ALSO WOULD ALLOW FOR STORMWATER TESTING TO MONITOR THE EFFECTIVENESS OF THE INFILTRATION BASIN.
7. THE WESTERN UPSTREAM POND SERVES AS A SETTLING BASIN, THEREBY PROVIDING CLEANER WATER FOR SURFACE RECHARGE IN THE INFILTRATION BASIN. INCREASING INFILTRATION IS ONE OF THE RECOMMENDATIONS IN THE REGIONAL STORMWATER MANAGEMENT PLAN TO HELP IMPROVE THE WATER QUALITY, REDUCE FLOODING, AND MAINTAIN BASEFLOW. THE TOTAL RUNOFF FROM BASIN 26 FOR THE 2 YEAR STORM IS 30.3 ACRE-FEET. THE WESTERN UPSTREAM POND CAN STORE APPROXIMATELY 10 ACRE-FEET WHILE THE INFILTRATION BASIN IS CURRENTLY SIZED TO RECHARGE APPROXIMATELY 20 ACRE-FEET.
8. THIS INFILTRATION BASIN IS CONNECTED TO THE EXISTING WATERWAYS. WHEN LARGER STORMS OCCUR IT IS ALREADY PREPARED TO MITIGATE THE OVERFLOW FROM THE INCREASE OF RUNOFF.
9. THIS IS NOT FOR PERMITTING OR CONSTRUCTION USE, THIS DRAWING IS ONLY TO BE USED FOR CONCEPTUAL PURPOSES.

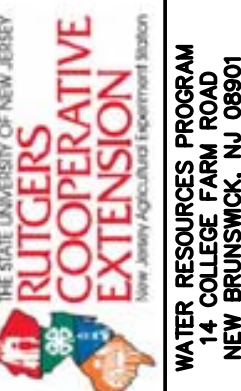
LEGEND

- PROPOSED PROPOSED AESTHETIC PLANTINGS 
- PROPOSED WALKWAY 
- LIMIT OF THE BASIN 



LOCATION MAP



MILESTONE 4 OF REGIONAL STORMWATER MANAGEMENT PLAN FOR THE TROY BROOK NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION MORRIS CORPORATE PARK INFILTRATION BASIN IMPROVEMENTS CONCEPT PLANS	
	
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