NOTES:
1. THE ENTIRE PARKING LOT SHOULD BE REMOVED AND REPAVED USING PERVIOUS PAVEMENT TECHNOLOGY, SPECIFICALLY UNI ECO-STONE.
2. UNI ECO-STONE HAS THE ABILITY TO INFILTRATE OVER 500 IN/HR. THIS IS IN THE MOST FAVORABLE CONDITIONS IT CAN REACH. THE INFILTRATION RATE.
3. RUTGERS COOPERATIVE EXTENSION IS ASSUMING THAT UNI ECO-STONE WILL INFILTRATE STORMWATER FROM THE PARKING LOT AT A RATE OF 0.6 IN/HR.
4. AN INFILTRATION RATE OF 0.6 IN/HR THE NEW JERSEY WATER QUALITY STORM STORM IS 1.25 INCHES IN 2 HOURS.
5. THE PERVIOUS PAVEMENT WILL INFILTRATE STORMWATER RAINFALL TO THE WATERSHED AND REDUCE THE TOTAL SUSPENDED SOLIDS FROM THE RUNOFF.
6. 90% OF ALL THE STORMS IN NEW JERSEY ARE LESS THAN OR EQUAL TO THE VOLUME OF THE NEW JERSEY WATER QUALITY STORM. THE PERVIOUS PAVEMENT WILL INFILTRATE 4.66 AC-FT PER YEAR OR 1.5 MILLION GALLONS PER YEAR.
7. ECO UNI-STONE DOES NOT WORK PROPERLY IF THE PAVEMENT HAS SALT OR SAND APPLIED TO IT. THIS PARKING LOT IS USED FOR A PARKING LOT. SALT AND SAND WILL NOT BE USED ON THIS SITE. NO ONE USES THE SITE DURING THE WINTER MONTHS.