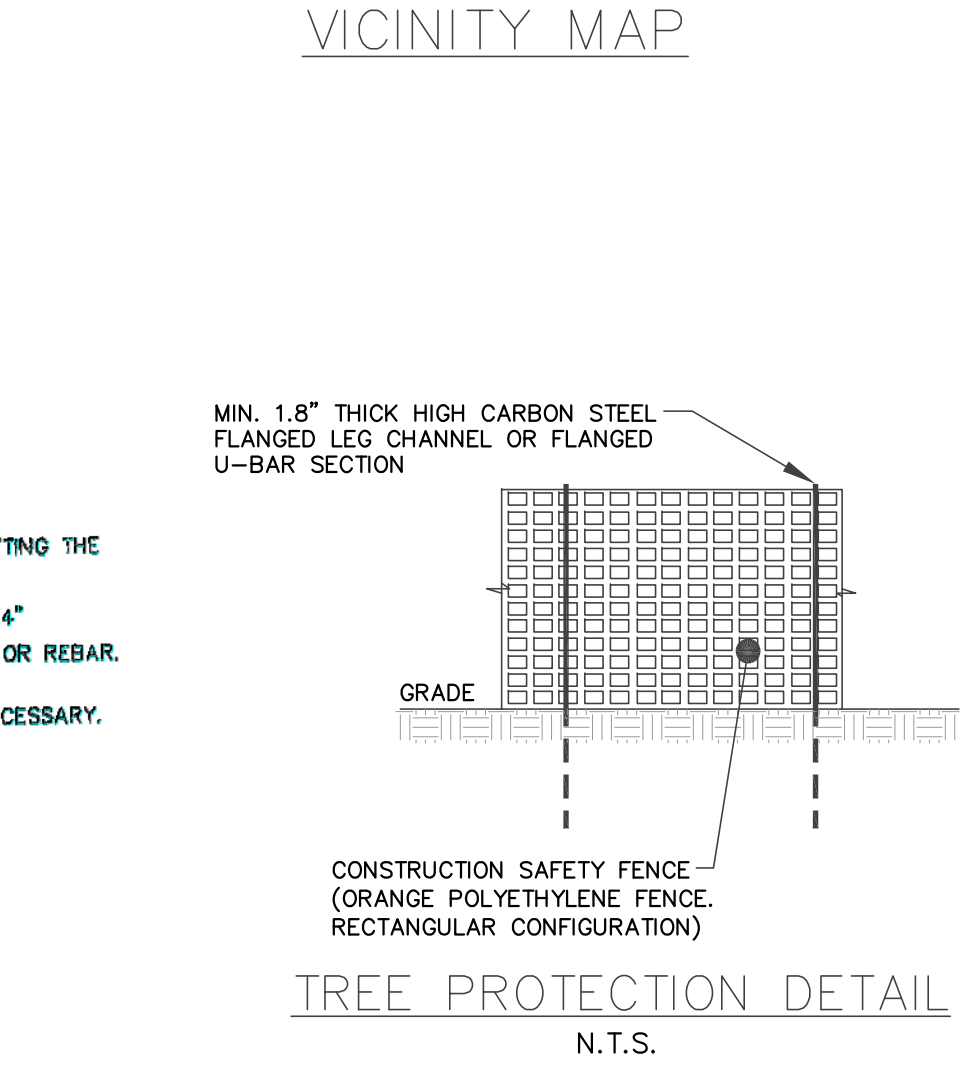
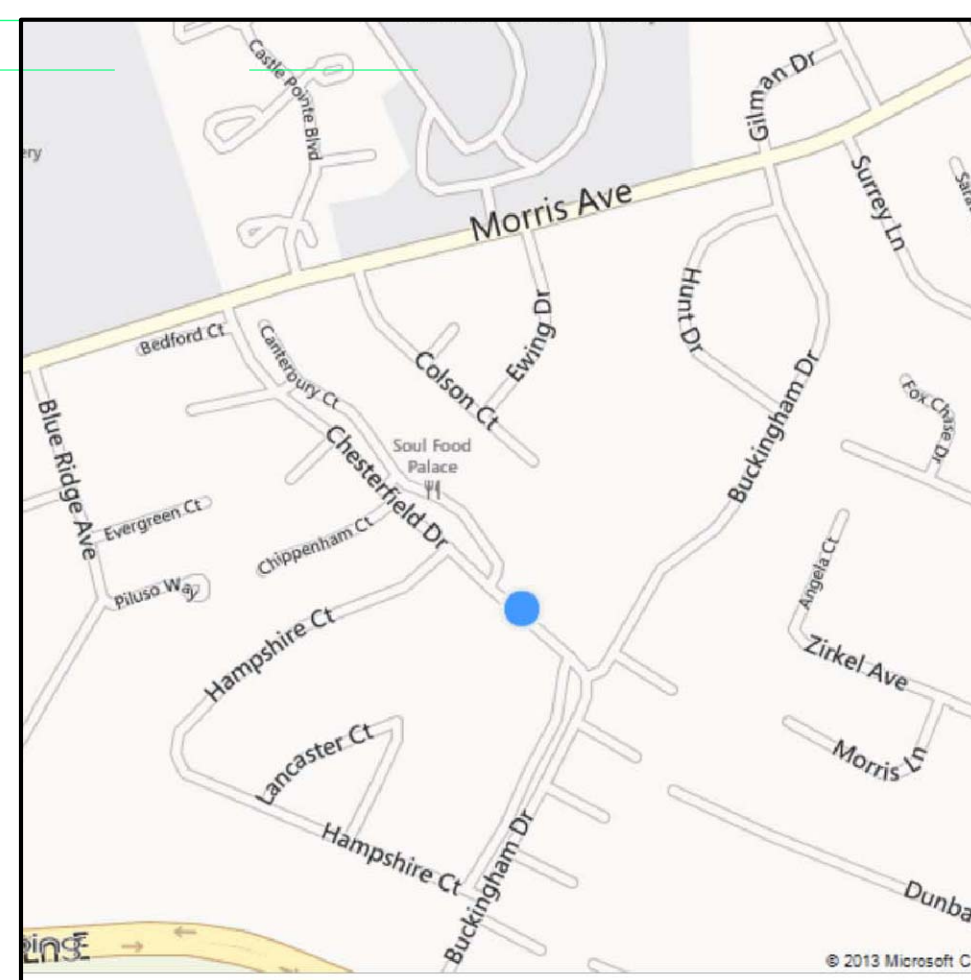


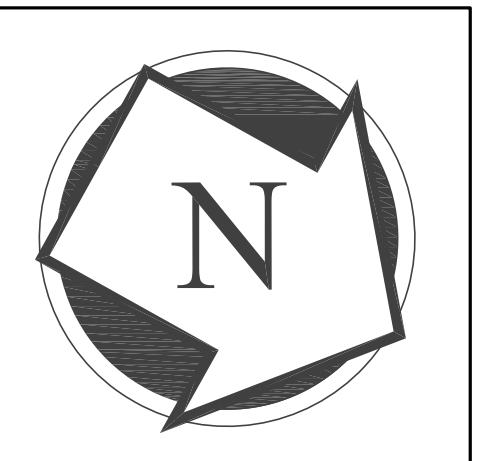
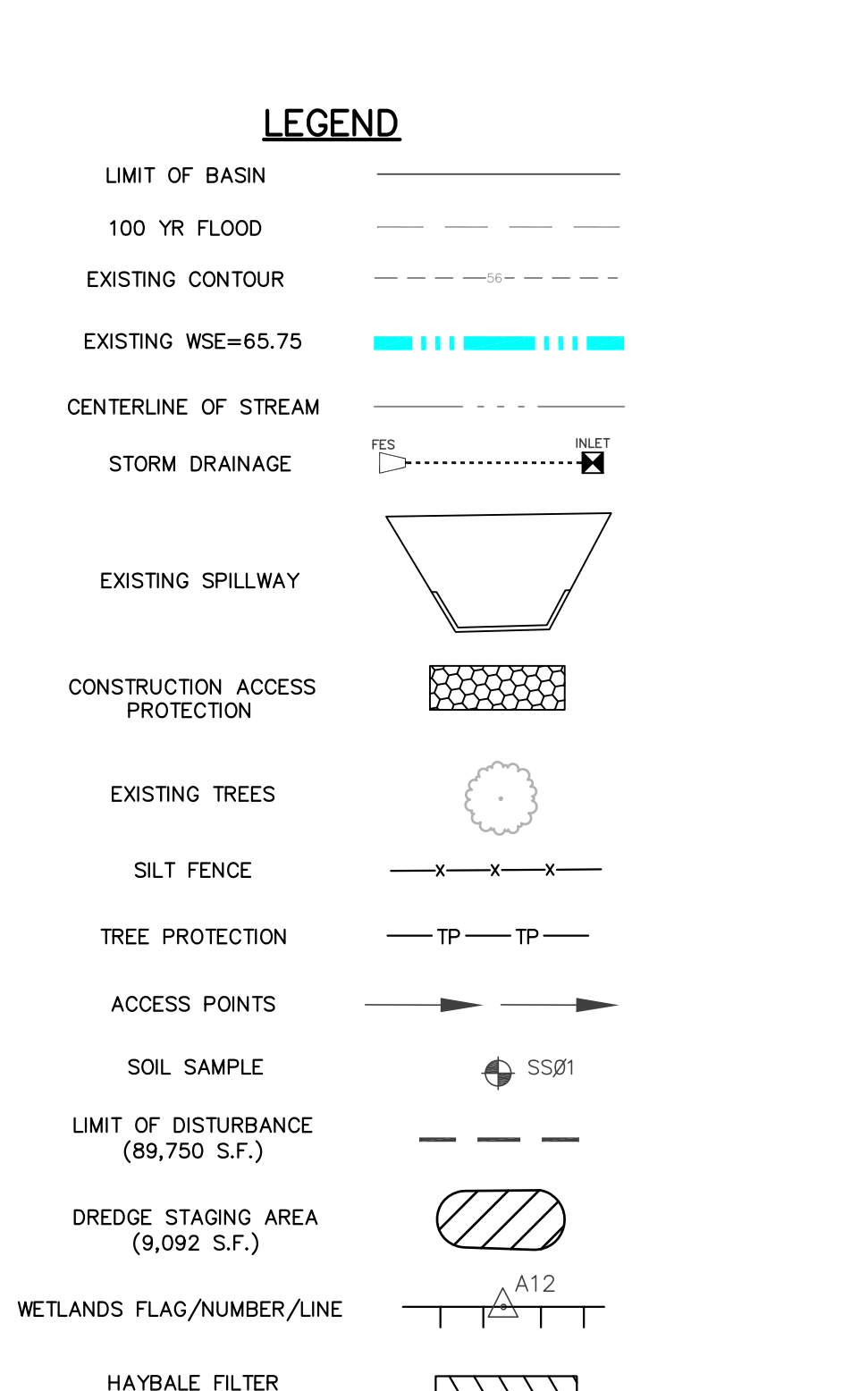
- SOIL EROSION & SEDIMENT CONTROL NOTES:**
1. LOCAL SOIL CONSERVATION DISTRICT HAVING JURISDICTION OVER THE PROJECT SHALL BE NOTIFIED SEVENTY TWO (72) HOURS IN ADVANCE OF ANY LAND DISTURBANCE ACTIVITY.
 2. ALL WORK IS TO BE DONE SHALL MEET OR EXCEED THE NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL AS ADOPTED BY THE STATE SOIL CONSERVATION COMMITTEE.
 3. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ARE TO BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
 4. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLANS WILL REQUIRE THE SUBMISSION OF REVISED SOIL EROSION AND SEDIMENT CONTROL PLANS TO THE DISTRICT FOR RE-CERTIFICATION. THE REVISED PLANS MUST MEET ALL CURRENT STATE SOIL EROSION AND SEDIMENT CONTROL STANDARDS.
 5. IN THAT N.J.S.A. 42A-39 ET. SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY BE ISSUED BEFORE THE PROVISIONS OF THE CERTIFIED PLAN FOR EROSION CONTROL HAVE BEEN COMPLIED WITH FOR PERMANENT MEASURES, ALL SITE WORK AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS WILL HAVE TO BE COMPLETED PRIOR TO THE DISTRICT ISSUING A REPORT OF COMPLIANCE FOR THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY BY THE MUNICIPALITY.
 6. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 30 DAYS AND NOT SUBJECT TO CONSTRUCTION TRAFFIC WILL IMMEDIATELY RECEIVE A TEMPORARY SEEDING IF THE SEASON PREVENTS THE ESTABLISHMENT OF TEMPORARY COVER. THE DISTURBED AREAS WILL BE MULCHED WITH STRAW OR EQUIVALENT MATERIAL AT A RATE OF 2 TO 2 1/2 TONS PER ACRE ACCORDING TO STATE STANDARD FOR STABILIZATION WITH MULCH.
 7. IMMEDIATELY FOLLOWING INITIAL DISTURBANCE OR ROUGH GRADING, ALL CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES AND ROADWAY EMBANKMENTS) WILL RECEIVE TEMPORARY SEEDING IN COMBINATION WITH STRAW MULCH OR A SUITABLE EQUIVALENT AT A RATE OF 1 1/2 TO 2 TONS PER ACRE IN ACCORDANCE WITH STATE STANDARDS.
 8. A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS. IN AREAS WHERE NO UTILITIES ARE PRESENT, THE SUB-BASE SHALL BE INSTALLED WITHIN FIFTEEN (15) DAYS OF THE PRELIMINARY GRADING.
 9. ANY STEEP SLOPES RECEIVING PIPELINE INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY AS THE INSTALLATION CONTINUES (I.E. SLOPES GREATER THAN 3:1).
 10. THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF A PAD OF CLEAN CRUSHED STONE AT POINT WHERE TRAFFIC WILL BE ACCESSING THE CONSTRUCTION SITE AFTER INTERIOR ROADWAYS ARE PAVED. INDIVIDUAL LOTS REQUIRE A STABILIZED CONSTRUCTION ENTRANCE CONSISTING OF ONE INCH TO TWO INCH (1" - 2") STONE FOR A MINIMUM LENGTH OF TEN FEET (10') EQUAL TO THE ENTRANCE WIDTH. ALL OTHER ACCESS POINTS SHALL BE BLOCKED OFF.
 11. ALL SOIL WASHED, DROPPED, SPILLED OR TRACKED OUTSIDE THE LIMIT OF DISTURBANCE OR ONTO PUBLIC RIGHT-OF-WAYS WILL BE REMOVED IMMEDIATELY.
 12. PERMANENT VEGETATION IS TO BE SEED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING.
 13. AT THE TIME THAT SITE PREPARATION FOR PERMANENT VEGETATIVE STABILIZATION IS GOING TO BE ACCOMPLISHED, ANY SOIL THAT WILL NOT PROVIDE A SUITABLE ENVIRONMENT TO SUPPORT ADEQUATE VEGETATIVE GROUND COVER SHALL BE REMOVED OR TREATED IN SUCH A MANNER THAT IT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF THE REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED.
 14. IN ACCORDANCE WITH THE STANDARD FOR MANAGEMENT OF HIGH ACID PRODUCING SOILS, ANY SOIL HAVING A PH OF 4 OR LESS OR CONTAINING IRON SULFIDES SHALL BE COVERED WITH A MINIMUM OF TWELVE (12) INCHES OF SOIL HAVING A PH OF 5 OR MORE PRIOR TO SEEDING. PREPARATION AREAS WHERE TREES OR SHRUBS ARE TO BE PLANTED SHALL BE COVERED WITH A MINIMUM OF TWENTY-FOUR (24) INCHES OF SOIL HAVING A PH OF 5 OR MORE.
 15. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
 16. UNFILTERED DEWATERING IS NOT PERMITTED. NECESSARY PRECAUTIONS MUST BE TAKEN DURING ALL DEWATERING OPERATIONS TO MINIMIZE SEDIMENT TRANSFER. ANY DEWATERING METHODS USED MUST BE IN ACCORDANCE WITH THE STANDARDS FOR DEWATERING.
 17. SHOULD THE CONTROL OF DUST AT THE SITE BE NECESSARY, THE SITE WILL BE SPRINKLED UNTIL THE SURFACE IS WET. TEMPORARY VEGETATIVE COVER SHALL BE ESTABLISHED OR MULCH SHALL BE APPLIED AS REQUIRED BY THE STANDARD FOR DUST CONTROL.
 18. STOCKPILE AND STAGING LOCATIONS ESTABLISHED IN THE FIELD SHALL BE PLACED WITHIN THE LIMIT OF DISTURBANCE ACCORDING TO THE CERTIFIED PLAN. STAGING AND STOCKPILES NOT LOCATED WITHIN THE LIMIT OF DISTURBANCE WILL REQUIRE CERTIFICATION OF A REVISED SOIL EROSION AND SEDIMENT CONTROL PLAN. CERTIFICATION OF A NEW SOIL EROSION AND SEDIMENT CONTROL PLAN MAY BE REQUIRED FOR THESE ACTIVITIES IF AN AREA GREATER THAN 6,000 SQUARE FEET IS DISTURBED.
 19. ALL SOIL STOCKPILES ARE TO BE TEMPORARILY STABILIZED IN ACCORDANCE WITH SOIL EROSION AND SEDIMENT CONTROL NOTE #6.
 20. THE PROPERTY OWNER SHALL BE RESPONSIBLE FOR ANY EROSION OR SEDIMENTATION THAT MAY OCCUR BELOW STORMWATER OUTFALLS OR OFF-SITE AS A RESULT OF CONSTRUCTION OF THE PROJECTS.

- CONSTRUCTION SEQUENCE:**
1. INSTALL TRACKING PAD, SILT FENCE, HAY BALE FILTERS AND TEMPORARY TREE PROTECTION FENCING FOR LIMIT OF DISTURBANCE, STAGING AND POND/BASIN AREAS. 1-3 WEEKS
 2. DEWATERING & FISH REMOVAL 1-2 WEEKS
 3. DREDGE POND AND STOCKPILE SPOILS 2-3 WEEKS
 4. DEWATER DREDGE SPOILS & DISPOSAL 2-3 WEEKS
 5. REMOVE TEMPORARY FENCING 1 WEEK
 6. RESTORE DISTURBED VEGETATIVE AREAS 1-2 WEEKS

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- SEEDING NOTES:**
1. FERTILIZER FOR THE ESTABLISHMENT OF TEMPORARY AND PERMANENT VEGETATIVE COVER SHALL BE 10-20-10 APPLIED AT A RATE OF 11 LBS PER 1000 SQUARE FEET WITH 60% WATER INSOLUBLE NITROGEN OR AS DETERMINED BY SOIL TESTS. LIMESTONE FOR TEMPORARY SEEDINGS SHALL BE APPLIED AT A RATE OF 45 LBS PER 1000 SQUARE FEET. LIME/STONE FOR PERMANENT SEEDINGS SHALL BE APPLIED AT A RATE OF 45 LBS PER 1000 SQUARE FEET.
 2. THE AREAS TO BE SEED SHALL BE RAKED, DISKED, HARROWED OR OTHERWISE WORKED TO INCORPORATE THE LIME/STONE AND FERTILIZER INTO THE UPPER THREE INCHES (3") OF SOIL AND TO REMOVE STONES, ROOTS, DEBRIS, AND OTHER UNSUITABLE MATERIAL AND TO FORM AN EVEN SURFACE TO THE SPECIFIED CONTOUR.
 3. TEMPORARY SEEDING SHALL CONSIST OF SPRING GRASS APPLIED AT THE RATE OF 2.0 LBS PER 1000 SQUARE FEET OR PERENNIAL RYE APPLIED AT A RATE OF 2.3 LBS PER 1000 SQUARE FEET. TEMPORARY SEEDING TO BE MAINTAINED UNTIL DISTURBED AREAS ARE PERMANENTLY STABILIZED WITH PERMANENT SEEDING. IF ANY SERIOUS EROSION PROBLEM OCCURS, THE ERODED AREAS SHALL BE REPAIRED AND STABILIZED WITH A MULCH AS INDICATED IN NOTE BELOW.
 4. FOR AREAS TEMPORARILY UNSEEDED, MULCH SHALL BE SMALL-GRAIN STRAW OR BALT HAY APPLIED AT A RATE OF 2.0 TO 2.5 TONS PER ACRE SPREAD UNIFORMLY AT 80 TO 115 LBS PER 1000 SQUARE FEET. FOR AREAS TO BE SEED, MULCH SHALL BE SMALL-GRAIN STRAW OR BALT HAY APPLIED AT A RATE OF 1.5 TO 2.0 TONS PER ACRE SPREAD UNIFORMLY AT 70 TO 90 LBS PER 1000 SQUARE FEET. ALL MULCH SHALL BE BOUND AND ANCHORED IN PLACE WITH A LIQUID MULCH BINDER (OR APPROVED EQUIVALENT) TO MINIMIZE LOSS BY WIND OR WATER. NO SEEDING SHALL REMAIN UNMULCHED LONGER THAN 7 DAYS. THE LIQUID MULCH BINDER SHALL BE APPLIED AS FOLLOWS: ONE APPLICATION OF LIQUID WOOD FIBER OR PAPER FIBER MULCH APPLIED AT A RATE OF 1500 LBS PER ACRE APPLIED WITH A HYDROSEEDER IN A UNIFORM MANNER OVER THE MULCH. OTHER SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL CONSERVATION DISTRICT.
 5. PERMANENT SEEDING MIXTURE SHALL CONSIST OF THE FOLLOWING MIXTURE OF APPROVED EQUAL:
 - FINE FESCUE 80 LBS/ACRE
 - HARD FESCUE 80 LBS/ACRE
 - STRONG CREEPING RED FESCUE 80 LBS/ACRE
 - KENTUCKY RYEGRASS 20 LBS/ACRE
 - PERENNIAL RYEGRASS 80 LBS/ACRE
 - WHITE CLOVER 10 LBS/ACRE
 6. RECOMMENDED SEEDING DATES APRIL 1 TO MAY 31 AND AUGUST 15 TO OCTOBER 14.
 7. SIX (6) MONTHS AFTER THE INITIAL APPLICATION OF LIME AND FERTILIZER, THE CONTRACTOR WILL BE REQUIRED TO PLACE A TOP DRESSING ON ALL SEEDED AREAS CONSISTING OF 10-20-10 COMMERCIAL FERTILIZER APPLIED AT A RATE OF 11 LBS PER 1000 SQUARE FEET.



CERTIFICATION: I CERTIFY THAT THIS PLAN WAS PREPARED UNDER MY SUPERVISION.

NICHOLAS V. COPPOLA
LANDSCAPE ARCHITECT #67

DATE

GREENWORKS ENVIRONMENTAL, LLC

HOME • PROPERTY • ENVIRONMENT

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SOIL EROSION & SEDIMENT CONTROL PLAN

SOCIETY HILL AT PISCATAWAY

550 CHESTERFIELD DRIVE - PISCATAWAY TOWNSHIP, MIDDLESEX COUNTY, NJ

GreenWorks

JOB NAME: SOCIETY_HILL

JOB #: 08-118

DATE: 11/01/13

D&D: VJC/NVC

CHK: VJC

SCALE: 1"=40'

SHEET: 1 OF 1

NO.	DATE	REVISION	DESCRIPTION	CHK'D.	APP'D.
1	11/01/13		SOIL EROSION & SEDIMENT CONTROL PLAN		
2	11/01/13		WALTER JOSEPH HOPKIN		
3	11/01/13		N.J. PROFESSIONAL ENGINEER, LIC. NO. 40673		