

STABILIZATION REQUIREMENTS

- I S<u>ITE PREPARATION</u>
- A GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND MULCH ANCHORING. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH SECTION II.
- B. INSTALL NEEDED EROSION CONTROL PRACTICES OR FACILITIES SUCH AS DIVERSIONS, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS, AND WATERWAYS.
- II LANDSCAPING A. TIMBER, LOGS, BRUSH, RUBBISH, ROCKS, STUMPS AND VEGETABLE MATTER WHICH INTERFERE WITH THE GRADING OPERATION OR AFFECT THE PLANNED STABILITY OR FILL AREAS SHALL BE REMOVED AND DISPOSED OF ACCORDING TO PLAN
- B. TOPSOIL IS TO BE STRIPPED AND STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISH GRADING OF ALL EXPOSED AREAS REQUIRING TOPSOIL. (SEE SECTION III)
- C. FILL MATERIAL IS TO BE FREE OF BRUSH, RUBBISH, TIMBER, LOGS, VEGETATIVE MATTER AND STUMPS IN AMOUNTS THAT WILL BE DETRIMENTAL TO CONSTRUCTING STABLE FILLS.
- D. ALL FILLS SHALL BE COMPACTED SUFFICIENTLY FOR THEIR INTENDED PURPOSE AND AS REQUIRED TO REDUCE SLIPPING, EROSION OR EXCESS SATURATION.
- III TOPSOILING 1. MATERIALS
- TOPSOIL SHOULD BE FRIABLE AND LOAMY, FREE OF DEBRIS OBJECIONABLE WEEDS AND STONES, AND CONTAIN NO TOXIC SUBSTANCE THAT MAY BE HARMFULL TO PLANT GROWTH. A OF 6-8 IS ACCEPTABLE. SOLUBLE SALTS SHOULD NOT BE EXCESSIVE (CONDUCTIVITY LESS THAN 0.5 MILLIOHMS PER CENTIMETER). TOPSOIL HAULED IN FROM OFF-SITE SHOULD HAVE A MINIMUM ORGANIC MATTER OF 2.5 TO 4.0%. ORGANIC MATTER CONTENT MAY BE RAISED BY ADDITIVES.
- 2. STRIPPING AND STOCKPILING A.FIELD EXPLORATION SHOULD BE MADE TO DETERMINE WHETHER GUANTITY AND OR QUALITY OF SURFACE SOIL JUSTIFIES STRIPPING.
- C. WHERE FEASIBLE. LIME MAY BE APPLIED BEFORE STRIPPING A A RATE DETERMINED BY SOIL TESTS TO BRING THE SOIL PH TO 6.5 IN LIEU OF SOIL TESTS. SEE SECTION IV FOR LIME RATE. D. A 6 INCH STRIPPING DEPTH IS COMMON, BUT MAY VARY DEPENDING ON THE PARTICULAR SOIL.
- E. STOCKPILES OF TOPSOIL SHOULD BE SITUATED SO AS NOT TO OBSTRUCT NATURAL DRAINAGE OR CAUSE OFF SITE ENVIRONMENTAL DAMAGE, AND SHALL BE LOCATED AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN. STOCKPILE (S) SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOPSOIL STOCKPILE DETAIL.
- F. STOCKPILES SHOULD BE VEGETATED AS DESCRIBED HEREIN. WEEDS SHOULD NOT BE ALLOWED TO GROW ON STOCKPILES.
- 3. STIE PREPARATION A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR SEEDBED PREPARATION, SEEDING, MULCH APPLICATION AND ANCHORING, AND
- B. SUBSOIL SHOULD BE TESTED FOR LIME REQUIREMENT AND LIMESTONE, IF NEEDED, SHOULD BE APPLIED TO BRING SOIL PH TO 6-8 AND INCORPORATED INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 5 INCHES.
- C.IMMEDIATELY PRIOR TO TOPSOIL DISTRIBUTION, THE SURFACE SHOULD BE SCARIFIED TO PROVIDE A GOOD BOND WITH THE TOPSOIL.
- 4. APPLYING TOPSOIL A.TOPSOIL SHOULD BE HANDLED ONLY WHEN IT IS DRY ENOUGH TO WORK WITHOUT DAMAGING SOIL STRUCTURE.
- B.A UNIFORM APPLICATION TO A DEPTH OF 5 INCHES (UNSETTLED)
 IS RECOMMENDED. SOILS WITH A PH OF 4.0 OR LESS OR CONTAINING
 IRON SULFIDE SHALL BE COVERED WITH A MINIMUM DEPTH OF
 12 INCHES OF SOIL HAVING A PH OF 6 TO 8. TOPSOIL REQUIRED
- MINIMUM DEPTH = 5" P.H. = 6 TO 8

 ORGANIC = 2.5% TO 4.0%

 NITRATE NITROGEN = 30 LB/ACRE AVERAGE

 PHOSPHOROUS = 100 LB/ACRE AVERAGE

 POTASSIUM = 120 LB/ACRE AVERAGE
- NOTE: THE CONTRACTOR SHOULD BE AWARE OF THE POSSIBILITY, DEPENDING UPON INDIVIDUAL SITE CONDITIONS, THAT ALL TOPSOIL MAY HAVE TO BE PROVIDED FROM AN OFF-SITE SOURSE.

IV SEEDBED PREPARATION

Fence Post - 8 ft on centers

Fabric secured to post with meta fasteners and reinforcement

between fastener and fabric

Silt Accumulation

6.0 in

Dig 6 in deep trench, bury

bottom flap, tamp in place

A. APPLY LIMESTONE AND FERTILIZER ACCORDING TO SOIL TEST
RECOMMENDATIONS SUCH AS THOSE OFFERED BY RUTGERS
UNIVERSITY SOIL TEST LABORATORY. SOIL SAMPLE MAILERS
ARE AVAILABLE FORM LOCAL COOPERATIVE EXTENSIONS SERVICES
OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SHALL OR VARIABLE
SITES. OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED
AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000
SQUARE FEET OF 10-20-10 OR EQUIVALENT. IF SEED IS DRILLED
OVER BANDED FERTILIZER, THE RATE OF FERTILIZER IS REDUCED
50 PERCENT. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT
CALCIUM PLUS MAGNESIUM OXIDES) AS FOLLOWS:

TONS/ACRES LBS./1,000 SQ. FT SOIL TEXTURE CLAY, CLAY LOAM & HIGH ORGANIC SOIL SANDY LOAM, LOAM & SILT LOAM LOAMY SAND & SAND

PULVERIZED DOLOMITIC LIMESTONE IS PREFERRED FOR MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE.

- B. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC, SPRINGTOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM SEEDBED IS PREPARED. NOTE: REMOVE FROM THE SURFACE ALL STONES 2" OR LARGER IN ANY DIMENSION. REMOVE ALL CONSTRUCTION MATERIAL AND OTHER DEBRIS.
- C. INSPECT SEEDBED JUST BEFORE SEEDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED. THE AREA MUST BE RETILLED AS ABOVE. D. SOIL HIGH ON SULFIDES OR HAVING A PH OF 4.0 OR LESS SHOULD BE MULCHED ONLY. SEE STANDARDS FOR STABILIZATION WITH MULCH ONLY. P 3.3.1.

Drawstring running through fabric along top of fence

2.0 ft min.

SILT FENCE DETAIL

No Scale

V <u>SEEDING</u>

- AGRONOMIC RECOMMENDATIONS
- A. FERTILIZER TO BE APPLIED AT THE RATE OF 300 LBS/ACRE, USING A 10-20-10 FERTILIZER. FERTILIZER SHALL BE APPLIED PRIOR TO THE APPLICATION OF LIMESTONE (IF REQUIRED) AND BE INCORPORATED INTO THE SOIL WITH THE LIMESTONE IN THE TOP 2" OF THE TOPSOIL.
- B. LIME MATERIALS SHALL BE GROUND LIMESTONE (HYDRATED OR BURNT LIME MAY BE SUBSTITUTED) AND SHALL BE APPLIED AT A MINIMUM 2 TONS/ACRE.
- C. TEMPORARY SEEDING: SEED: 160 LBS/ACRE MIX: PERENNIAL RYEGRASS AT 160 LBS/AC
- LATE FALL: CEREAL RYE AT 100 LBS/ACRE
- D. PERMANENT SEEDING LOW MAINTENANCE AND/OR SHADY AREAS:
- SEED: 200 LBS/ACRE
 MIX: FINE FESCUE (CHEWINGS, SPREADING, HARD OR SHEEPS)
 AT 80 LBS/ACRE
 TURF TYPE TALL FESCUE (REBEL JR.) OR APPROVED EQUAL
 AT 40 LBS/ACRE
 KENTUCKY BLUEGRASS AT 40 LBS/ACRE
 PERENNIAL RYEGRASS AT 20 LBS/ACRE
 ANNUAL RYEGRASS AT 20 LBS/ACRE
- SEED: 200 LBS/ACRE
 MIX: 70% TURF TYPE TALL FESCUE
 20% PERENNIAL RYEGRASS
 10% KENTUCKY BLUEGRASS
- E. PERMANENT SEEDING LAWNS:
- SEED: 60% HARD FESCUE
 MIX: 25% CREEPING RED FESCUE
 10% PERENNIAL RYEGRASS
 5% KENTUCKY BLUEGRASS
- F. PERMANENT SEEDING DETENTION BASIN AREAS:
- SEED: 200 LBS/ACRE
 MIX: 80% HARD FESCUE (RELIANT OR APPROVED EQUAL)
 10% CHEWING FESCUE (JAMESTOWN OR APPROVED EQUAL)
 10% PERENNIAL RYEGRASS (REPELL II OR APPROVED EQUAL)
- G. APPLY UNIFORMLY BY HAND, CYCLONE SEEDER, DROP SEEDER, DRILL, OR HYDROSEEDER. THE LATTER MAY BE JUSTIFIABLE FOR LARGE, STEEP AREAS WHERE CONVENTIONAL APPLICATIONS ARE NOT FEASIBLE. HYDROSEEDING SHALL BE A TWO STEP PROCESS; MULCH SHALL NOT BE MIXED WITH THE SEED; MUST BE APPLIED FIRST TO ASSURE PROPER SEED TO SOIL CONTACT, THE HYDROMULCH MAY THEN BE SPRAYED OVER SEEDING. SEED MUST BE INCORPORATED INTO THE SOIL TO A DEPTH OF 1/4 TO 1/2 INCH. STRAW, HAY OR HYDROMULCH IS REQUIRED ON ALL SEEDINGS AT A MINIMUM OF 1.5 TONS/ACRE.
- H. AFTER SEEDING, FIRMING THE SOIL WITH A CORRUGATED ROLLER WILL ASSURE GOOD SEED-TO-SOIL CONTACT. RESTORE CAPILLARITY, AND IMPROVE SEEDLING EMERGENCE. THIS IS THE PREFERRED METHOD. WHEN PERFORMED ON THE CONTOUR, SHEET EROSION WILL BE MINIMIZED AND WATER CONSERVATION ON SITE WILL BE MAXIMIZED.
- VI MULCHING MULCHING IS REQUIRED ON ALL SEEDING. MULCH WILL INSURE AGAINST EROSION BEFORE GRASS IS ESTABLISHED AND WILL PROMOTE FASTER AND EARLIER ESTABLISHMENT. (THE EXISTENCE OF VEGETATION SUFFICIENT TO CONTROL SOIL EROSION SHALL BE DEEMED COMPLIANCE WITH THIS MULCHING REQUIREMENT).
- A. MULCH MATERIALS SHOULD BE UNROTTED SMALL GRAIN STRAW,
 HAY FREE OF SEEDS, OR SALT HAY TO BE APPLIED AT THE RATE
 OF 1 1/2 TO 2 TONS PER ACRE (70 TO 90 POUNDS PER 1,000
 SQUARE FEET). EXCEPT THAT WHERE A CRIMPER IS USED INSTEAD
 OF LIQUID MULCH-BINDER (TACKIFYING CHOPPER-BLOWERS MUST
- B. SPREAD UNIFORMLY BY THE HAND OR MECHANICALLY SO THAT APPROXIMATELY 75 TO 95 PERCENT OF THE SOIL SURFACE WILL BE COVERED FOR UNIFORM DISTRIBUTION OF HAND-SPREAD MULCH, DIVIDE AREA INTO APPROXIMATELY 1,000 SQUARE FEET SECTIONS AND DISTRIBUTE 70 TO 90 POUNDS WITHIN EACH AREA C. MULCH ANCHORING SHOULD BE ACCOMPLISHED IMMEDIATELY AFTER PLACEMENT TO MINIMIZE LOSS BY WIND OR WATER. THIS MAY BE DONE BY ONE OF THE FOLLOWING METHODS, DEPENDING UPON THE SIZE OF THE AREA, STEEPNESS OF SLOPES, AND COSTS.
- 1. PEG AND TWINE DRIVE 8 TO 10 INCH WOODEN PEGS TO WITHIN 2 TO 3 INCHES OF THE SOIL SURFACE EVERY 4 FEET IN ALL DIRECTIONS. STAKES MAY BE DRIVEN BEFORE OR AFTER APPLYING MULCH. SECURE MULCH TO SOIL SURFACE BY STRETCHING TWINE BETWEEN PEGS IN A CRISS-CROSS AND A SQUARE PATTERN. SECURE TWINE AROUND EACH PEG WITH TWO OR MORE ROUND TURNS.
- 2. MULCH NETTINGS STAPLE PAPER, JUTE, COTTON OR PLASTIC NETTING TO THE SOIL SURFACE. USE A DEGRADABLE NETTING IN AREAS TO BE MOWED.
- 3. CRIMPER (MULCH ANCHORING TOOL) A TRACTOR DRAWN IMPLEMENT, SOMEWHAT LIKE A DISC-HARROW, ESPECIALLY DESIGNED TO PUSH OR CUT SOME OF THE BROADCAST LONG FIBER MULCH 3 TO 4 INCHES INTO SOIL SO AS TO ANCHOR IT AND LEAVE PART STANDING UPRIGHT. THIS TECHNIQUE IS LIMITED TO AREAS TRAVERSABLE BY A TRACTOR, WHICH MUST OPERATE ON THE CONTOUR OF SLOPES. STRAW MULCH RATE MUST BE 3 TONS PER ACRE. NO TACKIFYING OR ADHESIVE AGENT IS REQUIRED.
- 4. <u>LIQUID MULCH-BINDERS</u> MAY BE USED TO ANCHOR SALT HAY OR
- A. APPLICATIONS SHOULD BE HEAVIER AT EDGES WHERE WIND CATCHES THE MULCH, IN VALLEYS, AND AT CREST OF BANKS. REMAINDER OF AREA SHOULD BE UNIFORM IN APPEARANCE.
- B. USE ONE OF THE FOLLOWING: (1) EMULSIFIED ASPHALT - (SS-1, CSS-1, CMS-2, MS-2, RS-1, RS-2, CRS-1 AND CRS-2).
 APPLY 0.04 GAL./SQ YD. OR 194 GAL./ACRE ON FLAT SLOPES LESS THAN 8 FEET HIGH. ON SLOPES 8 FEET OR MORE, USE 0.075 GAL./SQ YD. OR
- (2) SYNTHETIC OR ORGANIC BINDERS BINDERS SUCH AS CURASOL, DCA-70, PETRO-SET, AND TERRA-TACK MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER TO ANCHOR MULCH MATERIALS.
- ALL NAMES GIVEN ABOVE ARE REGISTERED TRADE NAMES. THIS DOES NOT CONSTITUTE A RECOMMENDATION OF THESE PRODUCTS TO THE EXCLUSION OF THE OTHER PRODUCTS.

D. WOOD-FIBER OR PAPER-FIBER MULCH AT THE RATE OF 1,500 POUNDS PER ACRE MAY BE APPLIED BY A HYDROSEEDER. USE IS LIMITED TO FLATTER SLOPES AND DURING OPTIMUM SEEDING

- 5. IRRIGATION (WHERE FEASIBLE) IF SOIL MOISTURE IS DEFICIENT, AND MULCH IS NOT USED SUPPLY NEW SEEDING WITH ADEQUATE WATER (A MINIMUM OF 1/4 INCH TWICE A DAY UNTIL VEGETATION IS WELL ESTABILISHED). THIS IS ESPECIALLY TRUE WHEN SEEDINGS ARE MADE IN ABNORMALLY DRY OR HOT WEATHER OR ON DROUGHTY SITES.
- 6. TOPDRESSING*
- A. SPRING SEEDING WILL REQUIRE AN APPLICATION OF FERTILIZER SUCH AS 10-10-10 OR EQUIVALENT AT 400 POUNDS PER ACRE OR 10 POUNDS PER 1,000 SQUARE FEET BETWEEN 9/1 AND 10/15.
- B. FALL SEEDINGS WILL REQUIRE THE ABOVE BETWEEN 3/15 AND 5/1. C. MIXTURES DOMINATED BY WEEPING LOVEGRASS OF LEGUMES MAY NOT NEED TOPDRESSING.
- D. BERMUDAGRASS SHOULD BE TOPDRESSED BEFORE AUGUST 15.
- *-IF SLOW NITROGEN (300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT) IS USED IN ADDITION TO SUGGESTED FERTILIZER. THIS FOLLOW-UP OF TOPDRESSING IS NOT MANDATORY.

GENERAL NOTES

- SOIL EROSION AND SEDIMENT CONTROL NOTES (UPDATED AUGUST 13, 2014)
- THE MERCER COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED 48 HOURS PRIOR TO STARTING LAND DISTURBANCE ACTIVITY. NOTICE MAY BE MAILED, FAXED OR EMAILED TO: MCSCD, 508 HUGHES DRIVE, HAMILTON SQUARE, NJ 08690 P: 609-586-9603, F: 609-586-1117, E: MERCERSOIL@AOL.COM
- 2. IF APPLICABLE TO THIS PROJECT, THE OWNER SHOULD BE AWARE OF HIS OR HER OBLIGATION TO FILE FOR A NJPDES CONSTRUCTION ACTIVITY STORMWATER 5G3 PERMIT (NJG0088323) VIA THE NJDEP ONLINE PERMITTING SYSTEM (www.nj.gov/dep/online) AND TO MAINTAIN THE ASSOCIATED BEST MANAGEMENT PRACTICES AND STORMWATER POLLUTION PREVENTION PLAN SELF-INSPECTION LOGBOOK ONSITE AT ALL TIMES. THIS PERMIT MUST BE FILED PRIOR TO THE START OF SOIL DISTURNBANCE. THE ONLINE APPLICATION PROCESS WILL REQUIRE ENTRY OF AN SCD CERTIFICATION CODE, WHICH IS PROVIDED BY THE SOIL CONSERVATION DISTRICT UPON CERTIFICATION OF THE SOIL EROSION AND SEDIMENT CONTROL PLAN.
- 3. THE MERCER COUNTY SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED OF ANY CHANGES IN OWNERSHIP.
- 4. ANY CHANGES TO THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, INCLUDING AN INCREASE IN THE LIMIT OF DISTURNBANCE, 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. A COPY OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN SHALL BE MAINTAINED ON SITE AT ALL TIMES.
- 6. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCES, OR IN THEIR PROPER SEQUENCE AS OUTLINED WITHIN THE SEQUENCE OF CONSTRUCTION ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, AND MAINAINED UNTIL
- 7. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE CURRENT STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NJ. IF LANGUAGE CONTAINED WITHIN ANY OTHER PERMIT FOR THIS PROJECT IS MORE RESTRICTIVE THAN (BUT NOT CONTRADICTORY TO) WHAT IS CONTAINED WITHIN THESE NOTES OR ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, THEN THE MORE RESTRICTIVE PERMIT REQUIREMENTS SHALL BE FOLLOWED.
- 8. THE STANDARD FOR STABILIZED CONSTRUCTION ACCESS REQUIRES THE INSTALLATION OF 1-1/2" TO 2-1/2"CLEAN STONE TRACKING PAD AT ALL WHETHER IDENTIFIED ON THE CERTIFIED PLAN OR NOT. THE WIDTH SHALL SPAN THE FULL WIDTH OF EGRESS, AND LENGTH SHALL BE 50 FT. OR MORE. DEPENDING ON SITE CONDITIONS AND AS REQUIRED BY THE STANDARD. THIS SHALL INCLUDE INDIVIDUAL LOT ACCESS POINTS WITHIN RESIDENTIAL SUBDIVISIONS. IF THE EGRESS IS TO A COUNTY ROAD, THEN A 20 FT.LONG PAVED TRANSITION SHALL BE PROVIDED BETWEEN THE EDGE OF PAVEMENT AND THE STONE ACCESS PAD.
- 9. A SUB-BASE COURSE WILL BE APPLIED IMMEDIATELY FOLLOWING ROUGH GRADING AND INSTALLATION OF IMPROVEMENTS IN ORDER TO STABILIZE STREETS, ROADS, DRIVEWAYS AND PARKING AREAS.
- 10. ANY DISTURBED AREAS THAT WILL BE LEFT EXPOSED MORE THAN 14 DAYS AND NOT SUBJECT TO CONSTRUCTION ACTIVITY WILL IMMEDIATELY RECEIVE TEMPORARY STABILIZATION. IF THE SEASON PREVENTS ESTABLISHMENT OF A TEMPORARY VEGETATIVE COVER, OR IF THE AREA IS NOT TOPSOILED, THEN THE DISTURBED AREAS WILL BE MULCHED WITH STRAW, OR EQUIVALENT MATERIAL, AT A RATE OF TWO (2) TONS PER ACRE, ACCORDING TO STATE STANDARDS. SLOPED AREAS IN EXCESS OF 3H: 1V SHALL BE PROVIDED WITH EROSION CONTROL BLANKETS. CRITICAL AREAS SUBJECT TO EROSION (I.E. STEEP SLOPES, ROADWAY EMBANKMENTS, ENVIRONMENTALLY SENSITIVE AREAS) WILL RECEIVE TEMPORARY STABILIZATION IMMEDIATELY AFTER INITIAL DISTURBANCE OR ROUGH GRADING.

GENERAL NOTES (CONTINUED)

- 11. ANY STEEP SLOPES (I.E.: SLOPES GREATER THAN 3: 1) RECEIVING PIPELINE OR UTILITY INSTALLATION WILL BE BACKFILLED AND STABILIZED DAILY. AS THE INSTALLATION PROCEEDS.
- 12. PERMANENT VEGETATION SHALL BE SEEDED OR SODDED ON ALL EXPOSED AREAS WITHIN TEN (10) DAYS AFTER FINAL GRADING AND TOPSOILING. ALL ARGONOMIC REQUIREMENTS CONTAINED WITHIN THE STANDARDS AND ON THE CERTIFIED PLAN SHALL BE EMPLOYED. MULCH WITH BINDER, IN ACCORDANCE WITH THE STANDARDS, SHALL BE USED ON ALL SEEDED AREAS. SAVE ALL TAGS AND/OR BAGS USED FOR SEED, LIME AND FERTILIZER, AND PROVIDE THEM TO THE DISTRICT INSPECTOR TO VERIFY THAT MIXTURES AND RATES MEET THE STANDARDS.
- 13. AT THE TIME WHEN THE 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 WAY THAT WILL PERMANENTLY ADJUST THE SOIL CONDITIONS AND RENDER IT SUITABLE FOR VEGETATIVE GROUND COVER. IF REMOVAL OR TREATMENT OF THE SOIL WILL NOT PROVIDE SUITABLE CONDITIONS, NON-VEGETATIVE MEANS OF PERMANENT GROUND STABILIZATION WILL HAVE TO BE EMPLOYED
- 14. DURING THE COURSE OF CONSTRUCTION, SOIL COMPACTION MAY OCCUP WITHIN HAUL BOUTES STAGING AREAS AND OTHER PROJECT AREAS. IN ACCORDANCE WITH THE STANDARD FOR TOPSOILING. COMPACTED SURFACES SHOULD BE SCARIFIED 6"TO 12"IMMEDIATELY PRIOR TO TOPSOIL APPLICATION. THIS WILL HELP ENSURE A GOOD BOND BETWEEN THE TOPSOIL AND SUBSOIL. THIS PRACTICE IS PERMISSIBLE ONLY WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES,
- PRIOR TO SEEDING, TOPSOIL SHALL BE WORKED TO PREPARE A PROPER SEEDBED. THIS SHALL INCLUDE RAKING OF THE TOPSOIL AND REMOVAL OF DEBRIS AND STONES, ALONG WITH OTHER REQUIREMENTS OF THE STANDARD FOR PERMANENT VEGETATIVE COVER FOR SOIL STABILIZATION.
- 16. 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 BURIED WITH LIMESTONE IN ACCORDANCE WITH THE STANDARD AND BE COVERED WITH A MINIMUM OF 12"OF SOIL HAVING A pH OF 5 OR MORE PRIOR TO TOPSOIL APPLICATION AND SEEDBED PREPARATION. IF THE AREA IS TO RECEIVE TREE OR SHRUB PLANTINGS, OR IS LOCATED ON A SLOPE, THEN THE AREA SHALL BE COVERED WITH A MINIMUM OF 24"OF SOIL HAVING A DH OF 5 OR MORE
- 17. MULCHING TO THE STANDARDS IS REQUIRED FOR OBTAINING A CONDITIONAL REPORT OF COMPLIANCE. CONDITIONAL ROC'S ARE ONLY ISSUED WHEN THE SEASON PROHIBITS SEEDING. PERMANENT STABILIZATION MUST THEN BE COMPLETED DURING THE OPTIMUM SEEDING SEASON IMMEDIATELY FOLLOWING THE CONDITIONAL ROC, OR THE COMPLETION OF WORK IN A GIVEN AREA.
- 18. HYDROSEEDING IS A TWO-STEP PROCESS. THE FIRST STEP INCLUDES SEED. FERTILIZER, LIME, ETC., ALONG WITH MINIMAL AMOUNTS OF MULCH TO PROMOTE CONSISTENCY, GOOD SEED-TO-SOIL CONTACT, AND GIVE A VISUAL INDICATION OF COVERAGE. UPON COMPLETION OF THE SEEDING OPERATION, HYDROMULCH SHOULD BE APPLIED AT A MINIMUM RATE OF 1500 LBS PER ACRE IN SECOND STEP. THE USE OF HYRDO-MULCH, AS OPPOSED TO STRAW, IS LIMITED TO OPTIMUM SEEDING DATES AS LISTED IN THE STANDARDS. THE USE OF HYDROMULCH ON SLOPED AREAS
- 19. THE CONTRACTOR IS RESPONSIBLE FOR KEEPING ALL ADJACENT ROADS CLEAN DURING LIFE OF THE CONSTRUCTION PROJECT. ALL SEDIMENT WASHED, DROPPED, TRACKED OR SPILLED ONTO PAVED SURFACES SHALL BE IMMEDIATELY REMOVED.
- 20. THE DEVELOPER SHALL BE RESPONSIBLE FOR REMEDIATING ANY EROSION OR SEDIMENT PROBLEMS THAT ARISE AS A RESULT OF ONGOING CONSTRUCTION, AND FOR EMPLOYING ADDITIONAL EROSION AND SEDIMENT CONTROL MEASURES AT THE REQUEST OF THE MERCER COUNY SOIL CONSERVATION DISTRICT.
- 21. CONDUIT OUTLET PROTECTION MUST BE INSTALLED AT ALL REQUIRED OUTFALLS PRIOR TO THE DRAINAGE SYSTEM BECOMING OPERATIONAL.
- 22. ALL DETENTION/RETENTION BASINS MUST BE FULLY CONSTRUCTED (INCLUSIVE OF ALL STRUCTURAL COMPONENTS AND LINERS) AND PERMANENTLY STABILIZED PRIOR TO PAVING OR PRIOR TO THE ADDITION OF ANY IMPERVIOUS SURFACES. PERMANENT STABILIZATION INCLUDES,BUT MAY NOT BE LIMITED TO: TOPSOIL,SEED,STRAW MULCH AND BINDERS OR EROSION CONTROL BLANKETS ON ALL SEEDING, ALL ARGONOMIC REQUIREMENTS AS SPECIFIED ON THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN, INSTALLATION OF THE OUTFLOW CONTROL STRUCTURES AND DISCHARGE STORM DRAINAGE PIPING, LOW FLOW CHANNELS, CONDUIT OUTLET PROTECTION, EMERGENCY SPILLWAYS, AND LAP RING PROTECTION.
- 23. THE RIDING SURFACE OF ALL UTILITY TRENCHES WITHIN PAVED AREAS SHALL BE " CLEAN STONE OR BASE PAVEMENT UNTIL SUCH TIME AS ETNAL PAVEMENT HAS BEEN INSTALLED. TEMPORARY SOIL RIDING SURFACES ARE PROHIBITED.
- 24. ALL CONSTRUCTION DEWATERING (TRENCHES, EXCAVATIONS, ETC.) MUST BE DONE THROUGH AN INLET OR OUTLET FILTER IN ACCORDANCE WITH THE STANDARD FOR DEWATERING OR AS DEPICTED ON THE CERTIFIED SOIL FROSTON AND SEDIMENT CONTROL PLAN. DISCHARGE LOCATIONS FOR THE DEWATERING OPERATION MUST CONTAIN PERENNIAL VEGETATION OR SIMILAR STABLE SURFACE.
- 25. ALL SWALES OR CHANNELS THAT WILL RECEIVE RUNOFF FROM PAVED SURFACES MUST BE PERMANENTLY STABILIZED PRIOR TO THE INSTALLATION OF PAVEMENT IF THE SEASON PROHIBITS THE ESTABLISHMENT OF PERMANENT STABILIZATION, THE SWALES OR CHANNELS MAY BE TEMPORARILY STABILIZED IN ACCORDANCE
- 26. NJSA 4: 24-39 ET SEQ. REQUIRES THAT NO CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY BE ISSUED BY THE MUNICIPALITY BEFORE THE PROVISIONS OF THE CERTIFIED SOIL EROSION AND SEDIMENT CONTROL PLAN HAVE BEEN SATISIFED. THEREFORE ALL SITE WORK FOR SITE PLANS AND ALL WORK AROUND INDIVIDUAL LOTS IN SUBDIVISIONS MUST BE COMPLETED BEFORE THE DISTRICT ISSUES A REPORT OF COMPLIANCE OR CONDITIONAL REPORT OF COMPLIANCE, WHICH MUST BE FORWARDED TO THE MUNICIPALITY PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY, REPSECTIVELY.

PERMANENT SODDING

(WHERE APPLICABLE

- I SITE PREPARATION A. GRADE AS NEEDED AND FEASIBLE TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR LIMING, FERTILIZING, AND SOIL PREPARATION. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING. PAGE 4.11.
- B. INSTALL NEEDED EROSION CONTROL PRACTICES AND FACILITIES, SUCH AS INTEREPTOR DITCHES, DIKES AND TERRACES, EROSION STOPS AND DESILTING BASINS. SEE STANDARDS 4.2 THROUGH 4.16.

II SOIL PREPARATION

A. APPLY LIMESTONE AND FERTIZIER ACCORDING TO SOIL TESTS SUCH AS THOSE OFFERED BY RUTGERS UNIVERSITY SOIL TESTING LABORATORY. SOIL SAMPLE MAILERS ARE AVAILABLE FROM LOCAL COOPERATIVE EXTENSION SERVICE OFFICE. IF SOIL TESTING IS NOT FEASIBLE ON SMALL OR VARIABLE SITES, OR WHERE TIMING IS CRITICAL, FERTILIZER MAY BE APPLIED AT THE RATE OF 500 POUNDS PER ACRE OR 11 POUNDS PER 1,000 SQUARE FEET OF 10-20-10 OR EQUIVALENT. IN ADDITION, 300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT OF SLOW RELEASE NITROGEN MAY BE USED IN LIEU OF TOPDRESSING. APPLY LIMESTONE (EQUIVALENT TO 50 PERCENT CALCIUM PLUS MAGNESIUM OXIDES) AS FOLLOWS:

SOIL TEXTURE	TONS/ACRES	LBS./1.000 SQ. FT.
AY, CLAY LOAM & HIGH ORGANIC SOIL	4	180
NDY LOAM, LOAM & SILT LOAM	3	135
MMY SAND & SAND	2	90

- PULVERIZED DOLOMITIC LIMESTONE IS PREFERRED FOR MOST SOILS SOUTH OF THE NEW BRUNSWICK-TRENTON LINE.
- B. WORK LIME AND FERTILIZER INTO THE SOIL AS NEARLY AS PRACTICAL TO A DEPTH OF 4 INCHES WITH A DISC. SPRINGTOOTH HARROW, OR OTHER SUITABLE EQUIPMENT. THE FINAL HARROWING OR DISCING OPERATION SHOULD BE ON THE GENERAL CONTOUR. CONTINUE TILLAGE UNTIL A REASONABLY UNIFORM, FINE SEEDBED IS PREPARED.
- C. REMOVE FROM THE SURFACE ALL OBJECTS THAT WOULD PREVENT GOOD SOD TO SOIL CONTACT AND REMOVE ALL OTHER DEBRIS, SUCH AS WIRE, CABLE, TREE ROOTS, PIECES OF CONCRETE, CLODS, LUMPS, OR OTHER UNSUITABLE MATERIAL.
- D. INSPECT SITE JUST BEFORE SODDING. IF TRAFFIC HAS LEFT THE SOIL COMPACTED, THE AREA MUST BE RETILLED AND FIRMED AS ABOVE.
- A. SOD STRIPS SHOULD BE LAID ON THE CONTOUR, NEVER UP AND DOWN THE SLOPE, STARTING AT THE BOTTOM OF THE SLOPE AND WORKING UP. ON THE STEEP SLOPES, THE USE OF LADDERS WILL FACILITATE THE WORK AND PREVENT DAMAGE TO THE SOD. DURING PEROIDS OF HIGH TEMPERATURE, LIGHTLY IRRIGATE THE SOIL IMMEDIATELY PRIOR TO LAYING THE SOD.
- B. PLACE SOD STRIPS WITH SNUG, EVEN JOINTS THAT ARE STAGGERED. OPEN SPACES INVITE EROSION.
- ROLL OR TAMP SOD IMMEDIATELY FOLLOWING PLACEMENT TO INSURE SOILD CONTACT OF ROOT MAT AND SOIL SURFACE. DO NOT OVERLAP SOD. ALL JOINTS SHOULD BE BUTTED TIGHTLY IN ORDER TO PREVENT VOIDS WHICH WOULD CAUSE DRYING OF THE ROOTS.
- ON SLOPES GREATER THAN 3: 1, SECURE SOD TO SURFACE SOIL WITH WOOD PEGS, WIRE STAPLES OR SPLIT SHINGLES ($\bf 8$ TO 10 INCHES LONG BY 3/4 INCH WIDE).
- E. SURFACE WATER CANNOT ALWAYS BE DIVERTED FROM FLOWING OVER THE FACE OF THE SLOPE, BUT A CAPPING STRIP OF HEAVY JUTE OR PLASTIC NETTING, PROPERLY SECURED, ALONG THE CROWN OF THE SLOPE AND EDGES WILL PROVIDE EXTRA PROTECTION AGAINST LIFTING AND UNDERCUTTING OF SOD. THE SAME TECHNIQUE CAN BE USED TO ANCHOR SOD IN WATER CARRYING CHANNELS AND OTHER CRITICAL AREAS. WIRE STAPLES MUST BE USED TO ANCHOR NETTING IN CHANNEL WORK.
- F. IMMEDIATELY FOLLOWING INSTALLATION, SOD SHOULD BE WATERED UNTIL MOISTURE PENETRATES THE SOIL LAYER BENEATH SOD TO A DEPTH OF 4 INCHES. MAINTAIN OPTIMUM MOISTURE FOR AT LEAST
- IF SLOW RELEASE NITROGEN (300 POUNDS 38-0-0 PER ACRE OR EQUIVALENT) IS USED IN ADDITION TO SUGGESTED FERTILIZER, THEN A FOLLOW-UP OF TOPDRESSING IS NOT MANDATORY.
- . SPRING INSTALLATION OF SOD WILL REQUIRE AN APPLICATION OF FERTIZIER SUCH AS 10-20-10 OR EQUIVALENT AT 400 POUNDS PER ACRE OR 10 POUNDS PER 1.000 SQUARE FEET BETWEEN 9/1 AND
- B. FALL INSTALLATION OF SOD WILL REQUIRE THE ABOVE BETWEEN 3/15 AND 5/1.

STABILIZATION WITH MULCH ONLY

THIS PRACTICE IS APPLICABLE TO AREAS SUBJECT TO EROSION, WHERE THE SEASON AND OTHER CONDITIONS MAY NOT BE SUITABLE FOR GROWING AN EROSION RESISTANT COVER OR WHERE STABILIZATION IS NEEDED FOR A SHORT PEROID UNTIL MORE SUITABLE PROTECTION CAN BE APPLIED.

- I SITE PREPARATION
- A. GRADE, AS NEEDED AND FEASIBLE, TO PERMIT THE USE OF CONVENTIONAL EQUIPMENT FOR APPLYING AND ANCHORING MULCH. ALL GRADING SHOULD BE DONE IN ACCORDANCE WITH STANDARD FOR LAND GRADING, P 4.11.
- B. EMPLOY NEEDED EROSION CONTROL PRACTICES SUCH AS DIVERSIONS, GRADE STABILIZATION STRUCTURES, CHANNEL STABILIZATION MEASURES, SEDIMENT BASINS AND WATERWAYS. SEE STANDARD 4.2 THROUGH 4.16. II PROTECTIVE MATERIALS
- A. UNROTTED SMALL-GRAIN STRAW, HAY, OR SALT HAY AT 2.0 TO 2.5
 TONS PER ACRE IS SPREAD UNIFORMLY AT 90 TO 115 POUNDS PER
 1,000 SQUARE FEET AND ANCHORED WITH A MULCH ANCHORING
 TOOL, LIQUID MULCH BINDERS, OR NETTING TIEDOWN. OTHER
 SUITABLE MATERIALS MAY BE USED IF APPROVED BY THE SOIL
 CONSEDVATION DISTRICT
- B. ASPHALT EMUISION OR CUTBACK ASPHALT IS RECOMMENDED AT THE RATE OF 600 TO 1,200 GALLONS PER ACRE. THIS IS SUITABLE FOR LIMITED PEROID OF TIME WHERE TRAVEL BY PEOPLE, ANIMALS OR MACHINES IS NOT A PROBLEM.

- E. MULCH NETTING, SUCH AS PAPER JUTE, EXCELSIOR, COTTON, OR PLASTIC MAY BE USED.
- WOODCHIPS APPLIED UNIFORMLY TO A MINIMUM DEPTH OF 2 INCHES MAY BE USED. WOODCHIPS WILL NOT BE USED ON AREAS WHERE FLOWING WATER COULD WASH THEM INTO AN INLET AND PLUG IT.
- G. GRAVEL, CRUSHED STONE, OR SLAG AT THE RATE OF 9 CUBIC YARDS PER 1,000 SQUARE FEET APPLIED UNIFORMLY TO A MINIMUM DEPTH OF 3 INCHES MAY BE USED. SIZE 2 OR 3 (ASTM C-33) IS RECOMMENDED.
- III MULCH ANCHORING
- A. "SEE PERMANENT VEGETATIVE STABILIZATION"

DUST CONTROL NOTES THE FOLLOWING METHODS SHOULD BE CONSIDERED FOR CONTOLLING DUST:

MULCHES - SEE STANDARDS FOR STABILIZING WITH MULCHES ONLY. VEGETATIVE COVER - SEE STANDARDS FOR: TEMPORARY VEGETATIVE COVER. PERMANENT VEGETATIVE COVER. AND PERMANENT STABILIZATION WITH SOD.

SPRAY - ON ADHESIVES - ON MATERIAL SOILS (NOT EFFECTIVE ON MUCK SOILS). KEEP TRAFFIC OFF THESE AREAS.

	DILUTION	NOZZLE	GAL./ACRE
ANIONIC ASPHALT EMULSION	7: 1	COARSE SPRAY	1, 200
LATEX EMULSION	12.5: 1	FINE SPRAY	235
RESIN IN WATER	4: 1	FINE SPRAY	300

TILLAGE - TO ROUGH SURFACE AND BRING CLODS TO THE SURFACE THIS IS A TEMPORARY EMERGENCY MEASURE WHICH SHOULD BE USED BEFORE SOIL BLOWING STARTS. BEGIN PLOWING ON WINDWARD SIDE OF SITE. CHISEL-TYPE PLOWS SPACED ABOUT 12" APART, AND SPRING-TOOTHED HARROWS ARE EXAMPLES OF EQUIPMENT WHICH MAY THE DESIRED EFFECT.

BARRIERS - SOLID BOARD FENCES, SNOW FENCES, BURLAP FENCES CRATE WALLS, BALES OF HAY, AND SIMILAR MATERIAL CAN BE USED TO CONTROL AIR CURRENTS AND SOIL BLOWING. CALCIUM CHLORIDE - SHALL BE IN THE FORM OF LOOSE, DRY GRANULES OR FLAKES FINE ENOUGH TO FEED THROUGH COMMONLY USED SPREADERS AT A RATE THAT WILL KEEP SURFACE MOIST BUT NOT CAUSE POLLUTION OR PLANT DAMAGE. IF USED ON STEEPER SLOPES, THEN USE OTHER PRACTICES TO PREVENT WASHING INTO STREAMS OR ACCUMULATION AROUND PLANTS.

SPRINKLING - SITE IS SPRINKLED UNTIL THE SURFACE IS WET.

STONE - COVER SURFACE WITH CRUSHED STONE OR COARSE GRAVEL

6. REMOVE ALL SOIL EROSION AND SEDIMENT

- FULL WIDTH OF CARTWAY AS SHOWN ON PLANS PLAN VIEW - EXIST. GROUND - 6"OF STONE (SEE NOTE 2) PROFILE PROVIDE APPROPRIATE TRANSITION BETWEEN STAB. CONST. ENT. AND R.O.W.

- 1. PLACE STABILIZED CONSTRUCTION ENTRANCE AT LOCATION (S) AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN. 2. STONE SIZE SHALL BE ASTM C-33, SIZE NO.2 OR 3. CRUSHED STONE.
- 3. THE THICKNESS OF THE STAB.CONST.ENT. SHALL NOT BE LESS THAN 6".
- 4. THE WIDTH AT THE EXIST. PAVEMENT SHALL NOT BE LESS THAN THE FULL WIDTH OF POINTS OF INGRESS AND EGRESS. 5. THE STAB.CONST.ENT. SHALL BE MAINTAINED IN A CONDITION WHICH WILL

PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO THE R.O.W./PAVEMENT.

THIS REQUIRES PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT

- OF ANY MEASURE USED TO TRAP SEDIMENT. 6. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO THE PUBLIC ROADWAY MUST BE REMOVED IMMEDIATELY.
- WHERE TRACKING OF SOIL ONTO ROADWAYS IS A CONTINUAL OCCURRENCE, ALL CONTRACTORS, BOTH SITE AND DWELLING CONTRACTORS, SHALL BE REQUIRED TO BROOM SWEEP THE ROADWAY AT TWO-HOUR INTERVALS MINIMUM AND PRIOR TO LEAVING THE CONSTRUCTION SITE AT THE DAY END

STABILIZED CONSTRUCTION ENTRANCE

SEQUENCE OF CONSTRUCTION

- CONSTRUCT SILT FENCE AND STABILIZED CONSTRUCTION ENTRANCE
- 2. BEGIN EXCAVATION IN AREAS SHOWN ON PLAN JUNE 2020 (Store in Appropriate Stockpile Area) COMPLETE REMEDIATION IN ACCORDANCE WITH NJDEP JUNE 2020 - COMPLETION
- REGULATIONS UNDER OVERSIGHT OF A LICENSED SITE REMEDIATION PROFESSIONAL

MAY - JUNE 2020

2021

- 4. COMPLETE TEMPORARY ENGINEERING & INSTITUTIONAL JUNE 2020 AUG. 2020 CONTROLS PER NJDEP REQUIREMENTS
- COMPLETE PERMANENT ENGINEERING & INSTITUTIONAL SEPT.2020 COMPLETION CONTROLS IN ACCORDANCE WITH APPROVED DEVELOPMENT

CONCRETE AGGREGATE AND / OR CRUSHED STONE

PLAN AND SITE PLAN UNDER NEW OWNERSHIP 6. CAP ALL RE-GRADED SURFACES WITH RECYCLED SEPT.2020 - COMPLETION CONCRETE AGGREGATE OR CRUSHED STONE

CONTROL DEVICES

THE REGRADED SURFACE WILL BE CAPPED WITH RECYCLED

-EXISTING GRADE

SLOPE=5%

SILT FENCE

FILTER .

MAX

SLOPE=5%

____ o ______5'MIN____

_SILT FENCE

OR HAY BALE

FILTER

TOPSOIL STOCKPILE

- 1. PLACE STOCKPILES AT LOCATIONS AS SHOWN ON THE SOIL EROSION AND SEDIMENT CONTROL PLAN. 2. ALL SIDE SLOPES SHALL BE 3 TO 1 OR FLATTER. 3. STOCKPILE SHALL RECIEVE A VEGETATIVE COVER IN ACCORDANCE WITH MINIMUM STABALIZATION REQUIREMENTS. 4. SILT FENCE OR HAY BALE FILTER SHALL BE INSTALLED AS
- NOT TO SCALE

Pump Note: Bag must be located away from receiving waters and/or Excavation Area construction activities Bags must be disposed of according to manufacturer's instructions. Bags may not be SEDIMENT CONTROL BAG

FOR DEWATERING

TRENTON ENGINEERING CO., INC. PROFESSIONAL ENGINEERS, PLANNERS AND LAND SURVEYORS ESTABLISHED 1907 2193 SPRUCE STREET TRENTON , N.J. 08638 TEL. NO. 609-882-0616 FAX. NO. 609-882-6004 D.F. STRATTON, L.S. N.J.-27523 P.P.N.J.-5021 JOSEPH MESTER N.J.PROFESSIONAL ENGINEER AND PROFESSIONAL LAND SURVEYOR No. 19462 REVISE SEQUENCE OF CONSTRUCTION Joseph Meeter 5/5/20 ADDED NOTE IN REFERENCE TO CAPPING SITE DATE 6/1/20 **REVISIONS**

SOIL EROSION TAX MAP DATA SEDIMENT CONTROL PLAN BLOCK 9 | 23102 | 231 DATE 4/6/20 LOT 9 BLOCK 23102 INV. 43924 300 ENTERPRISE AVENUE DRAWN BY: CWS SCALE CITY OF TRENTON PG. MERCER CO., NEW JERSEY FILE **106-40**

Draft-F: \wjobs\ENTERPRISE AVENUE.pro

S.E.-2

MERCER COUNTY SOIL CONSERVATION DISTRICT

590 Hughes Drive, Hamilton Square, NJ 08690 • www.mercerscd.org phone: 609-586-9603 • fax: 609-586-1117

SOIL EROSION AND SEDIMENT CONTROL PLAN CERTIFICATION

Date: 7/9/20

Application: #2020-5885-T

Block(s): 23102 Lot(s): 9

NJDEP STORMWATER CONSTRUCTION

> GENERAL PERMIT (5G3) FILING REQUIRED

SEE LETTER ATTACHED

THE FOLLOWING APPLICATION:

Project Name: 300 Enterprise Avenue

Project Address: 300 Enterprise Avenue

Owner's Name: City of Trenton

Owner's Address: 319 East State Street, Trenton, NJ 08608

Engineer/Architect: Trenton Engineering Co., Inc.

For Soil Erosion and Sediment Control has been APPROVED by the Mercer County Soil

Conservation District. Certification is effective on the 9th day of July, 2020.

This Certification will expire on the 9th day of January, 2024.

Chairman

Owner - Original

County Planning Board
Municipal Planning Board
Municipal Engineer
Municipal Construction Official
Contractor
Engineer/Architect Firm
File

Please note: It is the owner or the owner's representatives responsibility to distribute the certified plans to the appropriate party.

MERCER COUNTY, SED. 508 Hypto Bive Hamilton Square, NJ 08690 MAY 12 2020



For District Use Only Application Number 2020-5885-T Disposition Cert'.

MERCER COUNTY SOIL

MERCER COUNTY SOIL APPLICATION CONTROL PLAN CERTIFICATION

The enclosed soil erosion and sediment control plan and supporting information are submitted for certification pursuant to the Soil Erosion and Sediment Control Act, Chapter 251, P.L. 197 as amended (NJSA 4:24-39 et. seq.) An application for certification of a soil erosion and sediment control plan shall include the items listed on the reverse side of this form. Name of Project

Colling	Project I and I am	
Soil Erosion Plan - 300 Enterprise Ave.	Project Location: Municipality City of Trenton	
Project Street Address 300 Enterprise Ave.	Block 23102	Lot 9
Project Owner(s) Name		
- City of Trenton		Phone # 609-989-3501 Fax#
Project Owner(s) Street Address (No P.O. Box Numbers)		609-989-4243
319 E. 924 St. E	City	State Zip
Total Area of Project	1 Mason	NJ 08608
(Acres) 1.07 Ac Total Area or Land to be Disturbed (Acres) 1.19 Ac	No. Dwelling or other Units	\$ 1,155.00 1420.00
Plans Prepared by* Joseph Mester - Trenton Engineering Co.,		,
Street Address 2193 Spruce St.	Inc.	Phone \$09-882-6615 Fax \$09-882-6004
Engineering related items of the Soil Erosion and Sediment Control Plan MUST be prepare the State of New Jersey, in accordance with NJAC 13:27-6.1 et. seq.)	City Ewing	
	or under the direction of and be sealed by	a Professional Engineer or Architect licenses
Street Add	City of Trenton Du	t of House & Presson
Site State ST.	1.	Perelgonal
te applicant hereby continued to the United State No. Zip OS 0 %	Phone 609-989-3501. F	ex# 609 989 4741
d will be installed in accordance with those Standards and the plan as approved by the Soil (accordance with current Standards for Soil Er	osion and Sediment Control In New Jersey
10 hours the District in writing at least 48 hours in a time and	. To allow District agents to go upon project la	1
	 That any conveyance of this project or portion will transfer full responsibility for compliance subsequent owners. 	n thereof prior to its completion with the certified plan to any
To maintain a copy of the certified plan on the project site during construction	 To comply with all terms and conditions of the including payment of all fees prescribed by the incorporated by reference. 	e district lee schedule hereby
	, , , , , , , , , , , , , , , , , , ,	
edimentation and not for adequacy of structural measures contained in the Soil Erosion an optivithstanding district certification of the subject soil erosion and sediment control plan. It assesses that the approval extend beyond three and one half years at which time resulpsitions.	onsibility for any damages which may result from	quacy to reduce offsite soil erosion and
inly for the duration of the initial project approval granted by the municipality. All municipality. All municipality to the controls specified in the plan. It is not authorization to engage in the proposed in outrolling agency.	al renewals of this project will require submitted	ed with this application shall be valid ion and approval by the district. In no
ontrolling agency.	land use unless such use has been previously a	nd Sediment Control Plan certification is pproved by the municipality or other
1. Applicant Certification*		5 July 3
	3. Plan determined complete:	
Signature Date Date	Signature of District Official	6/11/2020
Applicant Name (Print)	Plancer's	11,
Receipt of fee, plan and supporting documents is hereby acknowledged:	Plan certified, denied or other agrifons noted.	Special Remarks:
Signature of District Official 7-9-70	Signature of District Official	Date
other than project owner, written authorization of owner must be attached.		
and the second second		SSCC251 AP10 4/99
	* ·	



THE CONTRACTOR IS REQUIRED TO:

Fill out and send in the 48 Hour Notice to the District prior to the start of construction (Attached to the Contractor's copy of the Certified Plan)

THE OWNER IS REQUIRED TO:

File the Request for Authorization (RFA) to obtain the 5G3 Permit prior to the start of construction

(Attached to the owner's Certification Letter)

PECEIVED MERCER COUNTY SOIL CONSERVATION DISTRICT

REQUIREMENTS OF NULS.A. 4:24-39, ET SEQ.

MCSCO-PLAN CERTIFICATION Application # 2020 - 5885 - T

TRENTON ENGINEERING CO., INC.

PROFESSIONAL ENGINEERS. PLANNERS AND LAND SURVEYORS ESTABLISHED 1907

2193 SPRUCE STREET

TRENTON , N.J. 08638

TEL. NO. 609-882-0616 FAX. NO. 609-882-6004

D.F. STRATTON, L.S. N.J.-27523 P.P.N.J.-5021

JOSEPH MESTER

N.J.PROFESSIONAL ENGINEER AND PROFESSIONAL LAND SURVEYOR No. 19462

SOIL EROSION SEDIMENT CONTROL PLAN

for

LOT 9 BLOCK 23102 300 ENTERPRISE AVENUE

in

CITY OF TRENTON

		_
CERTIFICA AUTHORIZAT		3Ai
TAX	MAP [)
LOT	BLOCK	L
9 9	23102	
DATE	4/6/	2

INV. 4392 DRAWN BY: C

SCALE

DC