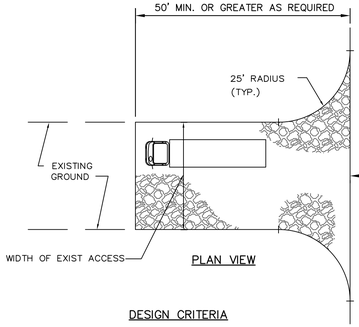
SOIL EROSION AND SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION AND SEDIMENT CONTROL PRACTICES ON THIS PLAN WILL BE CONSTRUCTED IN ACCORDANCE WITH THE "NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL" LAST REVISED JULY 1999. THESE MEASURES WILL BE INSTALLED PRIOR TO ANY MAJOR SOIL DISTURBANCE OR IN THEIR PROPER SEQUENCE AND MAINTAINED UNTIL PERMANENT PROTECTION IS ESTABLISHED.
2. ALL SOIL TO BE EXPOSED OR STOCKPILED FOR A PERIOD OF GREATER THAN 60 DAYS, AND NOT UNDER ACTIVE CONSTRUCTION, WILL BE TEMPORARILY SEEDED AND HAY MULCHED OR OTHERWISE PROVIDED WITH VEGETATIVE COVER. THIS TEMPORARY COVER SHALL BE MAINTAINED UNTIL SUCH TIME WHEREBY PERMANENT RESTABILIZATION IS ESTABLISHED.
3. SEEDING DATES: THE FOLLOWING SEEDING DATES ARE BEST RECOMMENDED TO ESTABLISH PERMANENT VEGETATIVE COVER WITHIN MOST LOCATIONS IN THE HEPSCD: SPRING – 3/1–5/15 AND FALL – 8/15 – 10/1
4. SEDIMENT FENCES ARE TO BE PROPERLY TRENCHED AND MAINTAINED UNTIL PERMANENT VEGETATIVE COVER IS ESTABLISHED
5. ALL STORM DRAINAGE INLETS SHALL BE PROTECTED BY ONE OF THE PRACTICES ACCEPTED IN THE STANDARDS, AND PROTECTION SHALL REMAIN UNTIL PERMANENT STABILIZATION HAS BEEN ESTABLISHED. STORM DRAINAGE OUTLET POINTS SHALL BE PROTECTED AS REQUIRED BEFORE THEY BECOME FUNCTIONAL.
6. MULCH MATERIALS SHALL BE UN–ROTTED SALT HAY OR SMALL GRAIN STRAW APPLIED AT THE RATE OF 70–90 POUNDS PER 1000 SQUARE FEET (1.5–2.0 TONS/ACRE). ADDITIONAL REQUIRED MULCH PRACTICES ARE PRESCRIBED IN THE STANDARDS.
7. ALL EROSION CONTROL DEVICES SHALL BE PERIODICALLY INSPECTED, MAINTAINED AND CORRECTED BY THE CONTRACTOR. ANY DAMAGE INCURRED BY EROSION SHALL BE RECTIFIED IMMEDIATELY.
8. THE HUDSON–ESSEX–PASSAIC SOIL CONSERVATION DISTRICT WILL BE NOTIFIED IN WRITING AT LEAST 48 HOURS PRIOR TO ANY SOIL DISTURBING ACTIVITIES. FAX – (973) 364–0784 EMAIL – INFORMATION@HEPSCD.ORG
9. THE APPLICANT MUST OBTAIN A DISTRICT ISSUED REPORT–OF–COMPLIANCE PRIOR TO APPLYING FOR THE CERTIFICATE OF OCCUPANCY OR TEMPORARY CERTIFICATE OF OCCUPANCY FROM THE RESPECTIVE MUNICIPALITY, NJ – DCA OR ANY OTHER CONTROLLING AGENCY. CONTACT THE DISTRICT AT 973–364–0786 TO REQUEST A FINAL INSPECTION, GIVING ADVANCED NOTICE UPON COMPLETION OF THE RESTABILIZATION MEASURES. A PERFORMANCE DEPOSIT MAY BE POSTED WITH THE DISTRICT WHEN WINTER WEATHER OR SNOW COVER PROHIBITS THE PROPER APPLICATION OF SEED, MULCH, FERTILIZER OR HYDRO–SEED.
10. PAVED ROADWAYS MUST BE KEPT CLEAN AT ALL TIMES. DO NOT UTILIZE A FIRE OR GARDEN HOSE TO CLEAN ROADS UNLESS THE RUNOFF IS DIRECTED TO A PROPERLY DESIGNED AND FUNCTIONING SEDIMENT BASIN. ALL PUMP DEWATERING OPERATIONS SHALL BE DIRECTED TOWARD A FUNCTIONING SEDIMENT BASIN.
11. ALL SURFACES ARE TO BE PROVIDED WITH 6 INCHES OF TOPSOIL PRIOR TO RE–SEEDING.
12. ALL PLAN REVISIONS MUST BE SUBMITTED TO THE DISTRICT FOR PROPER REVIEW AND APPROVAL.
13. A CRUSHED STONE WHEEL CLEANING TRACKING–PAD IS TO BE INSTALLED AT ALL SITE EXITS USING 2 ½" CRUSHED STONE TO A MINIMUM LENGTH OF 50 FEET. ALL DRIVEWAYS MUST BE PROVIDED WITH CRUSHED STONE UNTIL PAVING IS COMPLETE.
14. MAXIMUM SOIL SLOPES SHALL NOT EXCEED 2:1 UNLESS ADDITIONAL MEASURES ARE TAKEN AND APPROVED BY THE SOIL CONSERVATION DISTRICT. THESE "SPECIAL" MEASURES SHALL BE DESIGNED BY THE APPLICANT'S ENGINEER.
15. THE HUDSON–ESSEX–PASSAIC SOIL CONSERVATION DISTRICT SHALL BE NOTIFIED, IN WRITING, FOR THE SALE OF ANY PORTION OF THE PROJECT OR FOR THE SALE OF INDIVIDUAL LOTS. NEW OWNERS' INFORMATION SHALL BE PROVIDED. ADDITIONAL MEASURES DEEMED NECESSARY BY DISTRICT OFFICIALS SHALL BE IMPLEMENTED AS CONDITIONS WARRANT.



PLAN VIEW

DESIGN CRITERIA

STONE SIZE – USE ASTM C–33, SIZE No. 2 (2 1/2 TO 1 1/2") OR 3 (2 to 1"). USE CLEAN CRUSHED ANGULAR STONE. CRUSHED CONCRETE OF SIMILAR SIZE MAY BE **SUBSTITUTED BUT WILL REQUIRE MORE FREQUENT UPGRADING AND MAINTENANCE.**

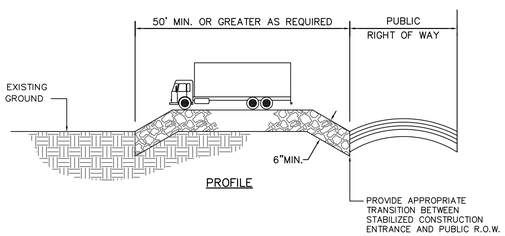
THICKNESS–NOT LESS THAN SIX (6) INCHES.

WIDTH–NOT LESS THAN FULL WIDTH OF POINTS OF INGRESS OR EGRESS.

MAINTENANCE

THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO ROADWAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE OR ADDITIONAL LENGTH **AS CONDITIONS DEMAND AND REPAIR** AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL **SEDIMENT SPILLED,** DROPPED, WASHED, OR TRACKED ONTO ROADWAYS (PUBLIC OR PRIVATE**) OR OTHER** IMPERVIOUS SURFACES MUST BE **REMOVED IMMEDIATELY.**

WHERE ACCUMULATION OF DUST/SEDIMENT IS INADEQUATELY CLEANED **OR REMOVED BY** CONVENTIONAL METHODS, A POWER BROOM OR STREET SWEEPER WILL BE **REQUIRED TO** CLEAN PAVED OR IMPERVIOUS SURFACES. ALL OTHER ACCESS POINTS WHICH ARE NOT STABILIZED SHALL BE BLOCKED OFF.



PROFILE

STABILIZED CONSTRUCTION ACCESS

N.T.S.

GENERAL EARTHWORK NOTES:

MATERIALS:

1) THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROCURING SUITABLE MATERIALS FOR THE PERFORMANCE OF THE WORK.

2) GENERAL FILL SHALL CONSIST OF WELL GRADED GRANULAR SOIL WITH NOT MORE THAN 20% PASSING THE #200 SIEVE AND SHALL CONSIST OF SOIL MATERIALS THAT COMPLY WITH SECTION 901.08 OF NJDOT'S STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION.

3) ADDITIONALLY, THE CONTRACTOR SHALL SUBMIT OPTIMUM MOISTURE–MAXIMUM DENSITY CURVES AND GRAIN SIZE ANALYSIS FOR EACH SOIL FILL MATERIAL (AT A MINIMUM FREQUENCY OF ONE TEST PER 1,000 CUBIC YARDS OF SOIL MATERIAL).

4) ALL FILL AND BACKFILL SHALL BE FREE FROM FROZEN PARTICLES, CLAY LUMPS, TRASH, ROOTS, WOOD, METAL SCRAP MATERIAL, OTHER VEGETABLE MATTER, AND REFUSE. FILL OR BACKFILL SHALL ALSO CONTAIN NO STONES LARGER THAN FOUR INCHES IN GREATEST DIMENSION.

5) ALL FILL DELIVERED TO THE SITE SHALL BE CERTIFIED CLEAN–FILL, AND SHALL COMPLY WITH ALL NJDEP RESIDENTIAL DIRECT CONTACT SOIL CLEANUP CRITERIA (RDCSCC). TESTING SHALL BE PERFORMED FOR APPROVAL BY THE TOWNSHIP ENGINEER AND/OR OWNER'S ENGINEER PRIOR TO PLACEMENT ONSITE.

EXECUTION:

7) FINAL GRADES SHALL BE CARRIED TO THE LINES, GRADES, AND SLOPES SHOWN ON THE CONSTRUCTION DRAWINGS. DURING THE PROCESS OF GRADING, OF WHATEVER NATURE, WITHIN THE LIMITS INDICATED, SHALL BE MAINTAINED IN SUCH CONDITION THAT IT WILL BE WELL DRAINED AT ALL TIMES. THE GRADED AREA SHALE BE PROTECTED FROM SURFACE WATER RUN–ON AND RUN–OFF.

8) FILL AND BACKFILL SHALL BE PLACED IN LAYERS NOT MORE THAN 8 INCHES IN LOOSE DEPTH, AND EACH LAYER SHALL BE MECHANICALLY COMPACTED (I.E. VIBRATING SHEEPSFOOT ROLLER OR THE LIKE) AT A MOISTURE CONTENT SUITABLE FOR OBTAINING THE REQUIRED DENSITY. FILL AREAS SHALL BE PROPERLY PROOF–ROLLED.

9) ALL SUBGRADE FILL AREAS (IN LOCATIONS OF PROPOSED PAVEMENT) ARE TO BE COMPACTED TO AT LEAST 95–PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR ASTM D1557 TEST PROCEDURE. IN LANDSCAPE AREAS A MINIMUM OF 90% MODIFIED PROCTOR IS REQUIRED. (THE SURFACE SOILS OF ALL LANDSCAPE AREAS SHALL BE TILLED PRIOR TO FINAL PLANTING TO FACILITATE INFILTRATION).

10) THE MOISTURE CONTENT OF THE FILL SHALL BE REDUCED BY AERATION OR INCREASED BY UNIFORM SPRINKLING OF WATER NECESSARY, TO ACHIEVE OPTIMUM MOISTURE CONTENT TO FACILITATE COMPACTION. THE MOISTURE CONTENT OF THE FILL SHALL BE WITHIN +/– 2 PERCENTAGE POINTS OF OPTIMUM. FILL SHALL NOT BE PLACED IN WATER.

11) ALL AREAS OF EXISTING PONDING WATER SHALL BE APPROPRIATELY DEWATERED PRIOR TO FILL PLACEMENT IN ACCORDANCE WITH LOCAL AND STATE REGULATIONS. SUITABLE SUPPLEMENTAL AGGREGATE FILL MAY BE USED IN THESE SELECTED AREAS TO FACILITATE FILL PLACEMENT IN THE WETLAND AREAS TO BE FILLED (AS SHOWN ON THE PLAN) AS APPROVED BY THE ENGINEER.

12) CONDUCT EARTHWORK IN COMPLIANCE WITH REQUIREMENTS OF THE STATE OF NEW JERSEY, THE TOWNSHIP, AND ORDINARY REQUIREMENTS OF ALL AUTHORITIES HAVING JURISDICTION.

13) THE CONTRACTOR SHALL BE RESPONSIBLE FOR EMPLOYING A QUALIFIED INDEPENDENT TESTING AGENCY AS REQUIRED TO
A. CLASSIFY PROPOSED ON–SITE AND IMPORTED FILL AND/OR BORROW SOILS, TO VERIFY THAT SOILS COMPLY WITH SPECIFIED REQUIREMENTS OF THE PROJECT;
B. CONDUCT REQUIRED FIELD AND LABORATORY TESTING; AND
C. PERFORM FIELD IN–PLACE DENSITY TESTS AT A FREQUENCY APPROVED BY THE ENGINEER.

14) WHERE SETTLING OCCURS DURING OR PRIOR TO OWNER ACCEPTANCE, THE CONTRACTOR SHALL REMOVE FINISHED SURFACING, BACKFILL WITH ADDITIONAL APPROVED SOIL MATERIAL, COMPACT, AND RECONSTRUCT SURFACING. RESTORE APPEARANCE, QUALITY, AND CONDITION OF FINISHED SURFACING TO MATCH ADJACENT WORK, AND ELIMINATE EVIDENCE OF RESTORATION TO THE GREATEST EXTENT POSSIBLE.

TEMPORARY STABILIZATION WITH MULCH ONLY
STRAW MULCH (HAY MULCH MAY BE SUBSTITUTED IF APPROVED BY THE DISTRICT) IS TO BE SPREAD UNIFORMLY AT THE RATE OF 2 TO 2 1/2 TONS PER ACRE (TOTAL GROUND SURFACE COVERAGE). THIS PRACTICE IS LIMITED TO PERIODS WHEN VEGETATIVE COVER CANNOT BE ESTABLISHED DUE TO THE SEASON OR OTHER CONDITIONS. MULCH MUST BE ANCHORED IN ACCORDANCE WITH NEW JERSEY STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL. MULCH ALONE CAN ONLY BE USED FOR SHORT PERIOD AND WILL REQUIRE MAINTENANCE AND RENEWAL. OTHER MULCH MATERIALS MAY BE UTILIZED IF APPROVED BY THE DISTRICT.

TEMPORARY SEEDING
TEMPORARY SEEDING IS TO BE USED ON ALL DISTURBED AREAS WHERE PERMANENT STABILIZATION WILL NOT BE ACCOMPLISHED FOR A PERIOD OF UP TO 6 MONTHS.

PRODUCT	RATE	RECOMMENDED OPTIMUM SEEDING DATES
PERENNIAL RYEGRASS	100 LBS./ACRE	3/15–5/15 & 8/15–10/1
SPRING OATS	86 LBS./ACRE	3/15–6/1 & 8/1–10/1
WINTER CEREAL RYE	112 LBS./ACRE	8/1–11/15
WINTER BARLEY	96 LBS./ACRE	8/15–10/1
PEARL MILLET	20 LBS./ACRE	5/15–8/15
GERMAN OR HUNGARIAN MILLET	30 LBS./ACRE	5/15–8/15

STABILIZATION WITH SOD
STABILIZATION WITH SOD IS PERMITTED IN AREAS WHERE MAINTENANCE AND IRRIGATION ARE ADEQUATE TO INSURE PROPER ESTABLISHMENT AND LONGEVITY. SEEDBED PREPARATION IS OT BE CONSISTENT WITH ANY OTHER STABILIZATION REQUIREMENTS. (LIME AND FERTILIZER BAGS ARE TO BE RETAINED FOR DISTRICT INSPECTION.) ON SLOPES GREATER THAN 3 TO 1, SOD MUST BE PROPERLY ANCHORED TO THE SLOPE IN ACCORDANCE WITH THE STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL.

PERMANENT SEEDING
A. SEED IS TO BE INCORPORATED INTO THE SOIL TO A DEPTH OF 1/4"–1/2".
B. LAWN SEEDINGS ARE TO BE A MIXTURE OF BLUEGRASS, TURF–TYPE FESCUES, AND TURF–TYPE PERENNIAL RYEGRASSES TO INSURE LONGEVITY, TOLERANCE, AND DURABILITY. NO SEED SHALL BE ACCEPTED WITH A GERMINATION TEST DATE OF MORE THAN 12 MONTHS OLD UNLESS RETESTED.
C. PROFESSIONAL SEED MIXTURES ARE RECOMMENDED RATHER THAN MIXING SEEDS YOURSELF.
D. SEED MIXTURE (AS SPECIFIED BELOW) IS TO BE APPLIED AT A MINIMUM RATE OF 200 LBS. PER ACRE OF PERENNIAL SEED.
E. OPTIMUM SEEDING PERIOD FOR PASSAIC COUNTY IS FROM MARCH 1 TO MAY 15 AND AUGUST 15 TO OCTOBER 1. OUTSIDE OF THOSE PERIODS, THE SEEDING RATES ARE TO BE INCREASED BY 50 (i.e.: 300 LBS. PER ACRE OF PERENNIAL SEED INSTEAD OF THE REQUIRED 200 LBS. PER ACRE DURING OPTIMUM PERIODS).
F. SEEDINGS SHOULD RECEIVE AN APPLICATION OF FERTILIZER SUCH AS 10–10–10 OR EQUIVALENT AT 400 LBS. PER ACRE APPROXIMATELY 6 MONTHS AFTER FIRST APPLICATION.

SEEDING MIXTURE FOR LAWN / STEEP SLOPES MIX:

ERNST NATIVE STEEP SLOPE MIX WITH ANNUAL RYEGRASS MIX: ERNMX–181
SEEDING RATE: 60 LBS PER ACRE, OR 1 LB PER 1,000 SQ. FT.

20% ANNUAL RYEGRASS
18% VIRGINIA WILDRYE, PA ECOTYPE
15% PURPLETOP
12% CREEPING RED FESCUE
12% INDIANGRASS, "PRAIRIE VIEW"–IN ECOTYPE
5% BIG BLUESTEM, "SOUTHLOW"–MI ECOTYPE
4% AUTUMN BENTGRASS, ALBANY PINE BUSH–NY ECOTYPE
4% TICKLEGRASS (ROUGH BENTGRASS), PA ECOTYPE
2% PARTRIDGE PEA, PA ECOTYPE, PA ECOTYPE
2% PURPLE CONEFLOWER
2% BLACKEYED SUSAN
1% MARSH BLAZING STAR, PA ECOTYPE
1% OXEYE SUNFLOWER, PA ECOTYPE
1% LANCELEAF COREOPSIS, COASTAL PLAIN NC ECOTYPE
1% WILD BERGAMOT

THE NATIIVE GRASS AND FORB SPECIES TOLERATE POOR SOILS TYPICALLY FOUND ON STEEP SLOPES IN THE EASTERN UNITED STATES.

NOTE: MIX FORMULATIONS ARE SUBJECT TO CHANGE WITHOUT NOTICE DEPENDING UPON AVAILABILITY OF EXISTING AND NEW PRODUCTS. WHILE THE FORMULA MAY CHANGE, THE GUIDING PHILOSOPHY AND FUNCTION OF THE MIX WILL NOT.

RETENTION BASIN PERMANENT SEEDING

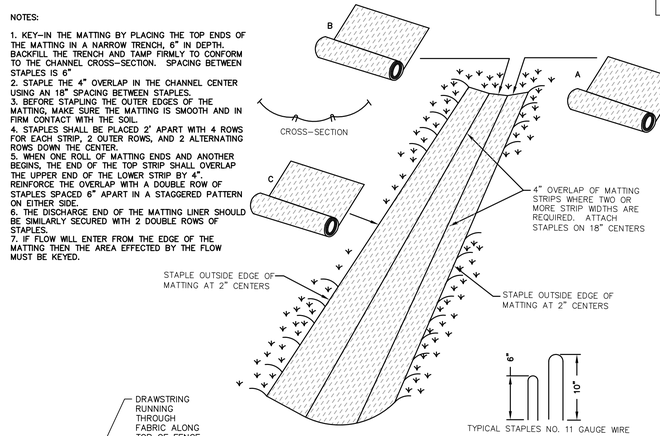
RETENTION BASIN FLOOR MIX – LOW MAINTENANCE
ERNMX#: ERNMX–126
SEEDING RATE: 20–40 LBS PER ACRE

16% ALKALIGRASS, 'FULTS'
16% FOX SEDGE, PA ECOTYPE
16% VIRGINIA WILDRYE, PA ECOTYPE
16% TICKLEGRASS (ROUGH BENTGRASS), PA ECOTYPE
10% DEERTONGUE, 'TIOGA'
10% FOWL BLUEGRASS
10% CREEPING BENTGRASS
3% SOFT RUSH
2% AUTUMN BENTGRASS, PA, ECOTYPE
1% PATH RUSH, PA ECOTYPE

CONSTRUCTION SEQUENCE

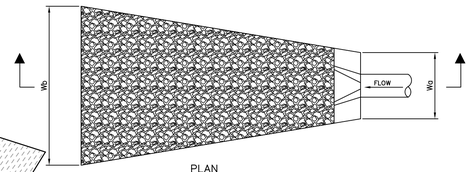
1.	PLACE SOIL EROSION AND SEDIMENT CONTROL DEVICES.	5 DAYS
2.	CLEAR AREA.	2 WEEKS
3.	CONSTRUCT CAP.	5 WEEKS
4.	CONSTRUCT BASIN.	2 WEEKS
5.	SITE GRADING, PAVEMENT CAP, AND SITE IMPROVEMENTS.	6 MONTHS
6.	FINAL RESTORATION AND MEADOW RESTORATION.	2 WEEKS
7.	REMOVE SOIL EROSION AND SEDIMENT CONTROL DEVICES.	5 DAYS

AREA OF DISTURBANCE = 11.23 ACRES



EROSION CONTROL MATTING

NOT TO SCALE

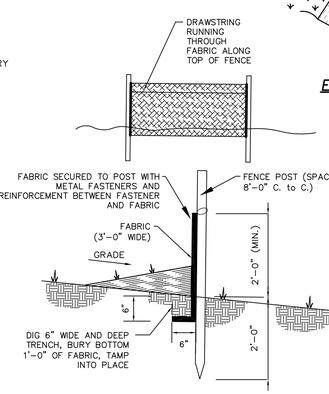


SECTION

STRUCTURE	LENGTH (FT)	WIDTH (FT) Ws	Wb	D50 SIZE (IN)
HEADWALL A–1	20.0	6.0	25.0	6.0
HEADWALL B–1	20.0	6.0	28.0	6.0
HEADWALL C–1	14	4.5	18.0	6.0

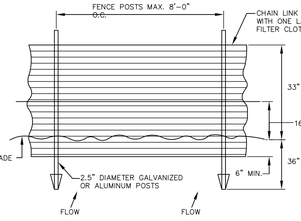
RIP–RAP CONDUIT OUTLET PROTECTION

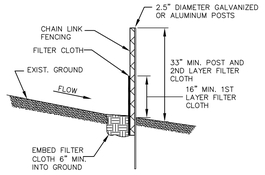
NOT TO SCALE



SILT FENCE DETAIL

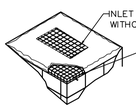
N.T.S.

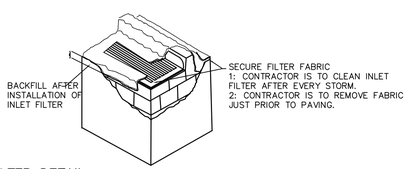




SUPER SILT FENCE DETAIL

NOT TO SCALE





INLET FILTER DETAIL

N.T.S.

AGRONOMIC SPECIFICATIONS FOR LAWNS AND CONSTRUCTION SITES

GENERAL
1. ALL DISTURBED AREAS THAT ARE NOT BEING GRADED, NOT UNDER ACTIVE CONSTRUCTION, OR NOT SCHEDULED TO BE PERMANENTLY SEEDED WITHIN 30 DAYS MUST BE TEMPORARILY STABILIZED AS PER SPECIFICATIONS BELOW.
2. ALL EXPOSED AREAS WHICH ARE TO BE PERMANENTLY VEGETATED, ARE TO BE SEEDED AND MULCHED WITHIN 10 DAYS OF FINAL GRADING.
3. STRAW MULCH (HAY MULCH MAY BE SUBSTITUTED IF APPROVED BY THE DISTRICT) IS TO BE APPLIED TO ALL SEEDINGS AT A RATE OF 1–1/2 TO 2 TONS PER ACRE (APPROX. 100 TO 130 BALES PER ACRE).
4. MULCH ANCHORING IS REQUIRED AFTER MULCHING TO MINIMIZE LOSS BY WIND OR WATER. THIS IS TO BE DONE USING ONE OF THE METHODS (CRIMPING, LIQUID MULCH BINDERS, NETTINGS, ETC.) IN THE "STANDARDS FOR SOIL EROSION AND SEDIMENT CONTROL IN NEW JERSEY".
5. EXISTING WEEDY AND POORLY–VEGETATED AREAS WITH LESS THAN 80 PERCENT PERENNIAL GRASS COVER MUST RECEIVE PERMANENT STABILIZATION (AS SPECIFIED ON BACK).
6. ALL BAGS NEED TO BE SAVED FOR LIME, FERTILIZER, SEED, AND LIQUID MULCH BINDER (IF MULCH ANCHORING METHOD). SUCH PROOFS NEED TO BE SUBMITTED TO THE DISTRICT INSPECTOR FOR VERIFICATION OF MATERIALS AND QUANTITIES USED FOR ALL SEEDINGS.
7. AN ADDITIONAL FEE OF $120.00 PER INSPECTION WILL BE ASSESSED TO THOSE SITES WHERE ADDITIONAL INSPECTIONS ARE NECESSITATED AS A RESULT OF NON–COMPLIANCE WITH THE APPROVED PLAN. THIS INCLUDES ADDITIONAL INSPECTIONS PERFORMED AFTER THE FAILURE OF AN INITIAL REPORT OF COMPLIANCE INSPECTION. THE ENTIRE SITE IS INSPECTED AT THE TIME OF A REQUEST FOR REPORT OF COMPLIANCE.

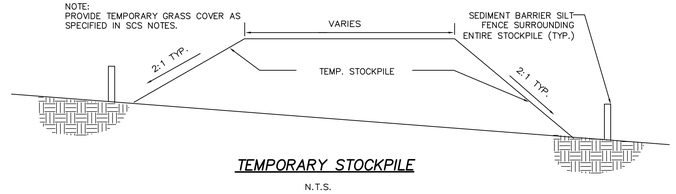
SEED–BED PREPARATION FOR ALL SEEDINGS

SUB–SOIL PREPARATION: IMMEDIATELY PRIOR TO SEEDING AND TOPSOIL APPLICATION, THE SURFACE SHOULD BE SCARIFIED TO A DEPTH OF 6" TO 12" WHERE THERE HAS BEEN SOIL COMPACTION (e.g. AREAS OF HEAVY CONSTRUCTION TRAFFIC). THIS PRACTICE IS TO BE APPLIED TO ALL COMPACTED AREAS WHERE THERE IS NO DANGER TO UNDERGROUND UTILITIES (CABLES, IRRIGATION SYSTEMS, ETC.).

TOPSOILING: AREAS TO BE SEEDED SHOULD HAVE A MINIMUM OF 5" OF FRIABLE, LOAMY, TOPSOIL FREE OF OBJECTIONABLE WEEDS, STONES, AND DEBRIS.

FINAL GRADING: GRADING IS TO BE SMOOTH OF RUTS AND FREE OF OBJECTIONABLE STONES, DEPRESSIONS, VEHICLE TRACKS, AND ROUGH EDGES. THERE IS TO BE POSITIVE DRAINAGE AWAY FROM ALL BUILDINGS AND DWELLINGS. REFUSE FROM SEEDBED PREPARATION (ROOTS, STICKS, STONES, CONSTRUCTION DEBRIS) MUST BE DISPOSED OF PROPERLY.

LIMING/FERTILIZING: APPLY LIMESTONE AND FERTILIZER TO SOIL TEST RECOMMENDATIONS OR AS FOLLOWS:
A. LIME IS TO BE APPLIED AT THE RATE OF 2 TONS (4,000 LBS). PER ACRE. LIME MAY BE ANY PRODUCT AS TONS AS THE CCE CALCIUM CARBONATE EQUIVALENCY= 2 TONS PER ACRE. PELLETIZED AND LIQUID PRODUCTS MAY BE PREFERRED BECAUSE OF THEIR LACK OF DUST AND EASE OF HANDLING BUT MUST MEET THE FORE–MENTIONED CRITERIA.
B. STARTER FERTILIZER, SPECIFIED AS 10–20–10, IS TO BE APPLIED AT 500 LBS. PER ACRE.
C. LIME AND FERTILIZER ARE TO BE WORKED INTO THE SOIL TO A DEPTH OF 4 INCHES.



TEMPORARY STOCKPILE

N.T.S.

Engineering & Land Planning Associates, Inc.
140 WEST MAIN STREET HIGH BRIDGE, NJ 08829
PH. 908–238–0544 FAX. 908–238–9572
A PROFESSIONAL ASSOCIATION
CERTIFICATE OF AUTHORIZATION NO.: 24GA28021500

NO.	REVISION	BY	DATE
3	REV. PER LIMITS OF CAPPING PLAN	PMH	12/12/14
2	REV. PER COMMENTS	GJS	5/9/14
1	REV. FOR SUBMISSION	PMH	3/3/14

12/12/14
DATE

WAYNE J. INGRAM
PROFESSIONAL ENGINEER
N.J. P.E. NO. 24GE048393

PROJECT:
BOROUGH OF RINGWOOD
RECYCLING CENTER SITE PLAN

PETER'S MINE ROAD
BLOCK 601 LOT 14 TAX MAP SHEET 6.03
BOROUGH OF RINGWOOD

PASSAIC COUNTY NEW JERSEY

TITLE:

DETAILS

JOB NO.:	13245C
SCALE:	NTS
DESIGNED:	PMH
CHECKED:	WJI
FILENAME:	09_12_DETAILS.DWG
DATE:	5/9/2014

DRAWING NO.: 8 / 11