STANDARD EPSC PLAN REQUIREMENTS

THIS SECTION CONTAINS THE MINIMUM REQUIRED ELEMENTS FOR THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN. THESE ELEMENTS ARE IN ADDITION TO THE SITE SPECIFIC EROSION PREVENTION AND SEDIMENT CONTROL PRACTICES SHOWN ON THE PLANS.

EROSION PREVENTION

1. THROUGHOUT CONSTRUCTION, THE AREA OF SOIL DISTURBANCE SHALL BE LIMITED TO THOSE AREA(S) THAT CAN BE ACTIVELY WORKED AND MANAGED WITH THE FORCES AVAILABLE. AREAS THAT ARE NOT ACTIVELY BEING WORKED FOR A PERIOD OF 5 DAYS OR MORE SHALL BE TEMPORARILY STABILIZED.
2. THE MAXIMUM AREA OF SOIL DISTURBANCE AT ANY ONE TIME ON THE ENTIRE PROJECT PARCEL SHALL BE LESS THAN 5 ACRES.
3. SEDIMENT BASINS, SEDIMENT TRAPS, PERIMETER DIKES, SEDIMENT BARRIERS, AND OTHER MEASURES INTENDED TO TRAP SEDIMENT SHALL BE CONSTRUCTED AS A FIRST STEP IN ANY LAND-DISTURBING ACTIVITY AND SHALL BE MADE FUNCTIONAL BEFORE UPSLOPE LAND DISTURBANCE TAKES PLACE.
4. CONCENTRATED RUNOFF SHALL NOT FLOW DOWN CUT OR FILL SLOPES UNLESS CONTAINED WITHIN AN ADEQUATE TEMPORARY OR PERMANENT CHANNEL, FLUME, OR SLOPE DRAIN STRUCTURE.
5. WHENEVER WATER SEEPS FROM SLOPE FACE, ADEQUATE DRAINAGE OR OTHER PROTECTION SHALL BE PROVIDED.
6. BEFORE NEWLY CONSTRUCTED STORMWATER CONVEYANCE CHANNELS OR PIPES ARE MADE OPERATIONAL, ADEQUATE OUTLET PROTECTION AND ANY REQUIRED TEMPORARY OR PERMANENT CHANNEL LINING SHALL BE INSTALLED IN BOTH THE CONVEYANCE CHANNEL AND THE RECEIVING CHANNEL.
7. UNDERGROUND UTILITY LINES SHALL BE INSTALLED IN ACCORDANCE WITH THE FOLLOWING STANDARDS IN ADDITION TO OTHER APPLICABLE CRITERIA:
   A. NO MORE THAN 500 LINEAR FEET OF TRENCH MAY BE OPENED AT ONE TIME.
   B. EXCAVATED MATERIAL SHALL BE PLACED ON THE UPHILL SIDE OF TRENCHES.
8. ALL SEDIMENT REMOVED FROM SEDIMENT CONTROL PRACTICES AS A PART OF MAINTENANCE SHALL BE DISPOSED OF IN AN AREA THAT IS:
   A. LESS THAN 5% IN SLOPE.
   B. AT LEAST 100 FT. FROM ANY DOWNSLOPE WATER BODY OR CONVEYANCE TO A WATER BODY (INCLUDING STORM DRAIN INLET OR DITCH).
   C. VEGETATED. PERMANENT STABILIZATION OF SEDIMENT SHALL BE IMMEDIATELY IMPLEMENTED FOLLOWING DISPOSAL.
9. FOR ANY AREA TO BE STABILIZED FOR WINTER BY VEGETATIVE COVER, SEEDING MUST BE COMPLETED NO LATER THAN SEPTEMBER 15.
10. ANY AREA TO BE STABILIZED FOR WINTER THAT DOES NOT HAVE ESTABLISHED VEGETATION BY OCTOBER 15 MUST BE STABILIZED BY ANCHORED MULCH AT THE WINTER APPLICATION RATE OF 4 TONS PER ACRE, OR OTHER APPROVED STABILIZATION MEASURES (E.G. ROLLED EROSION CONTROL PRODUCT). DORMANT SEEDING (E.G. WITH WINTER RYE) IS RECOMMENDED.
11. DISTURBED AREAS BORDERING AND DRAINING TO ROADS MUST HAVE AN APPROPRIATE SEDIMENT BARRIER SPANNING THE EDGE OF THE DISTURBANCE TO PREVENT WASHING OF SEDIMENT ONTO ROADWAYS OR INTO ROAD DITCHES.
12. HAY MULCH SHALL BE APPLIED AT A MINIMUM RATE OF 2 TONS PER ACRE. HAY MULCH APPLICATION DURING WINTER CONSTRUCTION SHALL BE AT A RATE OF 4 TONS PER ACRE. WHERE SUBJECT TO BLOWING, MULCH SHALL SECURED IN PLACE BY TRACKING WITH EQUIPMENT (WITH TRACK RUNNING PARALLEL TO SLOPE), A TACKIFIER, NETTING, OR REPLACED WITH PROPERLY ANCHORED EROSION MATTING.
13. PLACEMENT OF SEED AND MULCH SHALL OCCUR WITHIN 48 HOURS OF PLACEMENT OF TOPSOIL AND COMPLETION OF FINAL GRADING (NOT WITHSTANDING STABILIZATION REQUIREMENTS ELSEWHERE IN THIS PLAN).
14. ALL TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED WITHIN 30 DAYS AFTER FINAL SITE STABILIZATION OR AFTER THE TEMPORARY MEASURES ARE NO LONGER NEEDED, UNLESS OTHERWISE AUTHORIZED.

STABILIZATION

15. ALL AREAS OF DISTURBANCE MUST HAVE TEMPORARY OR PERMANENT STABILIZATION WITHIN 14 DAYS. AFTER THIS TIME, ANY DISTURBANCE IN THE AREA MUST BE STABILIZED AT THE END OF EACH WORK DAYS.

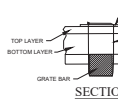
    THE FOLLOWING EXCEPTIONS APPLY:
   A. STABILIZATION IS NOT REQUIRED IF WORK IS TO CONTINUE IN THE AREA WITHIN THE NEXT 24 HOURS AND THERE IS NO PRECIPITATION FORECAST FOR THE NEXT 24 HOURS.
   B. STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURRING IN A SELF-CONTAINED EXCAVATION (I.E. NO OUTLET) WITH A DEPTH OF 2 FEET OR GREATER (E.G. HOUSE FOUNDATION EXCAVATION, UTILITY TRENCHES)
16. MAINTENANCE MUST BE PERFORMED AS NECESSARY TO ENSURE CONTINUED STABILIZATION. EXCEPT AS NOTED BELOW, ALL SITES SHALL BE SEEDED AND STABILIZED WITH EROSION CONTROL MATERIALS, SUCH AS MULCH OR ROLLED EROSION CONTROL PRODUCTS, INCLUDING AREAS WHERE CONSTRUCTION HAS BEEN SUSPENDED OR SECTIONS COMPLETED.
   A. ON THE CUT SIDE OF ROADS, DITCHES SHALL BE STABILIZED IMMEDIATELY WITH ROCK RIP-RAP OR OTHER NON-ERODIBLE LINERS (E.G. RECP), OR WHERE APPROPRIATE, VEGETATIVE MEASURES SUCH AS SOD.
   B. FOR ACTIVE CONSTRUCTION AREAS SUCH AS BORROW OR STOCKPILE AREAS, ROADWAY IMPROVEMENTS AND AREAS WITHIN 50 FT. OF A BUILDING UNDER CONSTRUCTION, A DOWNSLOPE PERIMETER SEDIMENT CONTROL SYSTEM CONSISTING, FOR EXAMPLE, OF SILT FENCING, SHALL BE INSTALLED AND MAINTAINED TO CONTAIN SOIL EXPOSED DISTURBED AREAS ADJACENT TO A CONVEYANCE THAT PROVIDES RAPID OFFSITE DISCHARGE OF SEDIMENT, SUCH AS A CUT SLOPE AT AN ENTRANCE, SHALL BE COVERED WITH PLASTIC OR GEOTEXTILE TO PREVENT SOIL LOSS UNTIL IT CAN BE STABILIZED. STABILIZED CONSTRUCTION ENTRANCES WILL BE MAINTAINED TO CONTROL VEHICLE TRACKING MATERIAL OFF SITE.
   C. TEMPORARY SEDIMENT TRAPPING DEVICES SHALL NOT BE REMOVED UNTIL PERMANENT STABILIZATION IS ESTABLISHED IN ALL CONTRIBUTING DRAINAGE AREAS. SIMILARLY, STABILIZATION SHALL BE ESTABLISHED PRIOR TO CONVERTING SEDIMENT TRAPS/BASINS INTO PERMANENT (POST-CONSTRUCTION) STORMWATER MANAGEMENT PRACTICES.
   D. STABILIZATION MEASURES SHALL BE APPLIED TO EARTHEN STRUCTURES SUCH AS DAMS, DIKES, AND DIVERSIONS IMMEDIATELY AFTER INSTALLATION.
   E. ALL SLOPES STEEPER THAN 3:1 (H:V), OR 33.3%, AS WELL AS PERIMETER DIKES, SEDIMENT BASINS OR TRAPS, AND EMBANKMENTS SHALL, UPON COMPLETIONS, BE IMMEDIATELY STABILIZED WITH SOD, SEED AND ANCHORED STRAW MULCH, OR OTHER APPROVED STABILIZATION MEASURES (RECP). AREAS OUTSIDE OF THE PERIMETER SEDIMENT CONTROL SYSTEM SHALL NOT BE DISTURBED.

PERMIT NOTICE

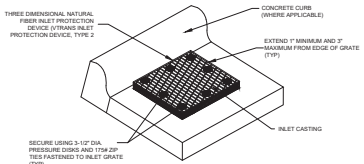
A COPY OF THE DISCHARGE PERMIT, THE AUTHORIZATION TO DISCHARGE, A BRIEF DESCRIPTION OF THE PROJECT, AND THE LOCATION WHERE THE EROSION PREVENTION AND SEDIMENT CONTROL PLAN IS AVAILABLE SHALL BE POSTED AT A LOCATION ON THE PROJECT SITE THAT IS VISIBLE TO THE PUBLIC.

SPECIAL WINTER EPSC PLAN REQUIREMENTS

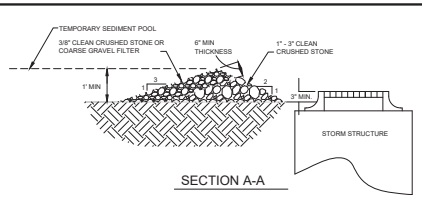
1. STABILIZED ACCESS POINTS SHALL BE ENLARGED TO PROVIDE FOR SNOW STOCKPILING WHILE STILL MAINTAINING EFFECTIVE SEDIMENT CONTROL. PACKED SNOW AND ICE MAY NEED TO BE REMOVED AND ADDITIONAL STONE PLACED TO MAINTAIN THE LOOSE STONE SURFACE AT STABILIZED CONSTRUCTION EXITS.
2. BASED UPON THE WINTER ACTIVITIES PROPOSED, THE ON-SITE PLAN COORDINATOR SHALL DEVELOP A SNOW MANAGEMENT PLAN THAT SHALL INCLUDE AT A MINIMUM:
   A. ADEQUATE SIZE FOR SNOW STORAGE AREAS
   B. SNOW STORAGE AREAS LOCATED DOWN GRADIENT OF AREAS OF PLANNED DISTURBANCE
   C. CONTROL OF SNOWMELT RUNOFF
   D. PROHIBITING STORAGE OF SNOW IN STORMWATER TREATMENT STRUCTURES
   E. A MINIMUM 25 FOOT BUFFER BETWEEN PERIMETER CONTROLS (SUCH AS SILT FENCE) TO ALLOW FOR SNOW CLEARING AND MAINTENANCE
3. IN AREAS OF DISTURBANCE WITHIN 100 FT OF A RECEIVING WATER, THE FOLLOWING MUST BE INSTALLED ACROSS THE SLOPE, DOWN GRADIENT OF THE EARTH DISTURBANCE:
   F. FILTER SOCKS OR STRAW WATTLES SHALL BE PLACED IN FRONT OF SILT FENCE OR EROSION CONTROL BERMS
   G. SILT FENCE SHALL BE USED IN CONJUNCTION WITH EROSION CONTROL BERMS
   H. A SINGLE ROW OF REINFORCED SILT FENCE
4. THE ONSITE PLAN COORDINATOR INSPECTIONS SHALL INCLUDE MAINTENANCE OF DRAINAGE STRUCTURES TO INSURE THAT THEY ARE OPEN AND FREE OF SNOW AND ICE DAMS.
5. SILT FENCE AND OTHER PRACTICES REQUIRING EARTH DISTURBANCE SHALL BE INSTALLED AHEAD OF GROUND FREEZING. IF PRACTICES MUST BE INSTALLED OR MAINTAINED AFTER GROUND FREEZING, NO FROZEN MATERIAL SHALL BE USED IN THE CONSTRUCTION OF BERMS OR DIKES, OR INSTALLATION OF SILT FENCE.
6. WHERE MULCH IS USED FOR TEMPORARY STABILIZATION, IT SHALL BE APPLIED AT A MINIMUM OF 2 INCHES WITH AN 80-90% COVER.
7. TO ENSURE COVER OF DISTURBED SOIL IN ADVANCE OF A MELT EVENT, AREAS OF DISTURBED SOIL MUST BE STABILIZED PRIOR TO ANY RUNOFF PRODUCING EVENTS, WITH THE FOLLOWING EXCEPTION:
   I. STABILIZATION IS NOT REQUIRED IF THE WORK IS OCCURING IN A SELF-CONTAINED EXCAVATION (E.G. NO OUTLET) WITH A DEPT HOF 2 FEET OR GREATER (E.G. HOUSE FOUNDATION EXCAVATION, UTILITY TRENCHES0, PROVIDED ANY DEWATERING, I FNECESSARY IS CONDUCTED AS REQUIRED.
8. PRIOR TO STABILIZATION, SNOW OR ICE MUST BE REMOVED TO THE EXTENT PRACTICABLE.
9. WHERE EXTERIOR CONSTRUCTION ON BUILDINGS WILL CONTINUE, OR WHERE VEHICLE OR EQUIPMENT TRAFFIC ASSOCIATED IS EXPECTED, A STABILIZED WORK AREA AROUND THE PERIMETER OF THE STRUCTURE SHALL BE STABILIZED WITH CRUSHED STONE OR GRAVEL.



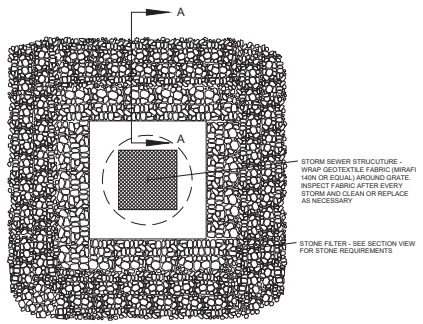
SECTION



FLAT TYPE INLET PROTECTION
NTS



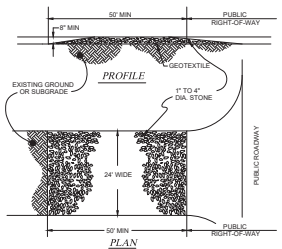
SECTION A-A



PLAN VIEW

NOTES:
1. INLET PROTECTION TO BE PROVIDED AT ALL CATCHBASINS OR YARD INLETS.
2. THE STONE FILTER SHALL BE INSPECTED FOLLOWING EACH STORM. ACCUMULATED SEDIMENTS SHALL BE REMOVED AND THE STONE REPLACED AS NECESSARY.
3. THE LIMITS OF THE STONE AROUND THE INLET MAY BE MODIFIED BY THE ENGINEER DEPENDING ON THE TOPOGRAPHY DIRECTING RUNOFF TO THE CATCHBASIN.

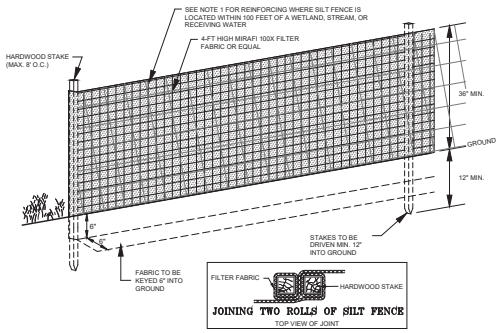
CATCH BASIN INLET PROTECTION
NTS



PLAN

NOTES:
1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OF SEDIMENT ONTO PUBLIC RIGHTS-OF -WAY. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED, OR WASHED ONTO PUBLIC RIGHTS-OF-WAY SHALL BE REMOVED IMMEDIATELY BY THE CONTRACTOR.
2. THE USE OF CALCIUM CHLORIDE OR WATER MAY BE NECESSARY TO CONTROL DUST DURING THE SUMMER.
3. PROVIDE APPROPRIATE TRANSITION BETWEEN STABILIZED CONSTRUCTION ENTRANCE AND PUBLIC RIGHT-OF-WAY.
4. GEOTEXTILE MUST BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.
5. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED BENEATH THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED

VEHICLE TRACKING PAD
NTS



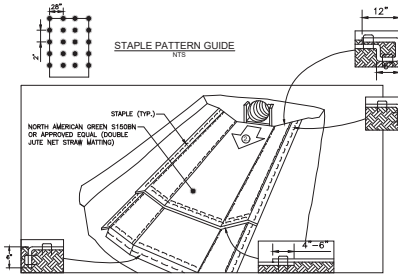
NOTES
1. SILT FENCE INSTALLED WITHIN 100 FEET OF A WETLAND, STREAM, OR RECEIVING WATER SHALL BE REINFORCED WITH WOVEN WIRE FENCE (MIN. 14 GAUGE WIRE WITH 6" MAX. MESH SPACING)
2. USE ONLY MANUAL METHODS OF INSTALLATION AND CLEANING WITHIN WETLAND AND BUFFER ZONE.
3. PRIOR TO BEGINNING OF CONSTRUCTION OR EARTHMOVING, THE CONTRACTOR SHALL INSTALL A CONTINUOUS FENCE AT THE LIMIT OF DISTURBANCE SHOWN ON THE SITE PLAN.
4. FROZEN MATERIAL SHALL NOT BE USED TO KEY IN THE BOTTOM OF THE SILT FENCE. IF NECESSARY, A TRENCH SHALL BE USED BY THE CONTRACTOR TO KEY IN THE SILT FENCE RATHER THAN FROZEN NATIVE MATERIAL.
5. THE CONTRACTOR SHALL INSTALL SILT FENCE AROUND THE PERIMETER OF TOPSOIL STOCKPILES AND OTHER LOCATIONS AS NEEDED.

TEMPORARY SILT FENCE
NTS

TURF ESTABLISHMENT

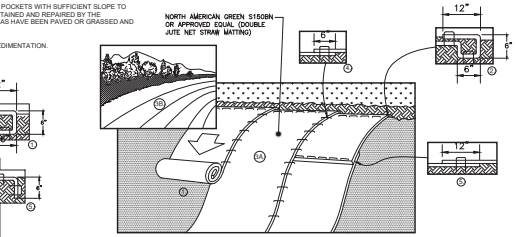
ALL DISTURBED AREAS THAT DO NOT HAVE AN IMPERVIOUS SURFACE (PAVEMENT, SIDEWALKS, ROOFS) OR ARE NOT LANDSCAPED WITH BARK MULCH, SHALL BE STABILIZED WITH NEW GRASS COVER. ALL SEEDING AND MULCHING FOR ESTABLISHING NEW GRASS COVER SHALL BE COMPLETE PRIOR TO SEPTEMBER 15. PLACEMENT OF TOPSOIL, AND THE APPLICATION OF SEED, FERTILIZER, LIME (WHERE APPLICABLE), AND MULCH SHALL BE IN ACCORDANCE WITH THE FOLLOWING:

1. A MINIMUM OF 4" OF APPROVED TOPSOIL SHALL BE PLACED IN ALL AREAS. PLACEMENT OF TOPSOIL SHALL NOT BE DONE WHEN THE GROUND OR TOPSOIL IS FROZEN, EXCESSIVELY WET, OR OTHERWISE IN A CONDITION DETRIMENTAL TO THE WORK. FOLLOWING PLACEMENT OF TOPSOIL, THE SURFACE SHALL BE RAKED. ALL STONES, LUMPS, ROOTS, OR OTHER OBJECTIONAL MATERIAL SHALL BE REMOVED.
2. URBAN SEED MIXTURE SHALL BE SPREAD UNIFORMLY IN ALL AREAS AT THE SPECIFIED RATE.
3. FERTILIZER SHALL BE APPLIED ONLY AFTER PERFORMING A SOIL TEST ON THE IN-PLACE OR STOCKPILED TOPSOIL, AND BE APPLIED ONLY BASED UPON SOIL DEFICIENCIES. LIME SHALL ONLY BE APPLIED AS NEEDED BASED UPON A SOIL pH TEST.
4. MULCHING SHALL FOLLOW THE SEEDING OPERATION BY NOT MORE THAN 24 HOURS. MULCH SHALL BE SPREAD UNIFORMLY OVER THE AREA AT A MINIMUM RATE OF 2 TONS PER ACRE. SITE CONDITIONS MAY WARRANT THE APPLICATION OF A TACKIFIER TO HOLD THE MULCH IN PLACE. IF NECESSARY TO RETAIN THE MULCH, THE CONTRACTOR SHALL APPLY AN APPROVED TACKIFIER WITHOUT ADDITIONAL COST TO THE OWNER.
5. ALL SLOPES STEEPER THAN 3H:1V SHALL HAVE EROSION MATTING APPLIED OVER THE SEED. ALL DITCH CENTERLINE GRADES GREATER THAN 5% OR AS SHOWN ON THE PLANS SHALL HAVE EROSION MATTING APPLIED OVER THE SEED, EROSION MATTING SHALL CONSIST OF EROSION CONTROL BLANKET WITH 100% AGRICULTURAL STRAW MATRIX STITCH BOUNDED WITH DEGRADABLE THREAD BETWEEN TWO BIODEGRADABLE JUTE FIBER NETTINGS, NORTH AMERICAN GREEN S150BN OR EQUAL.
6. THE CONTRACTOR SHALL BE RESPONSIBLE FOR A FULL GROWTH OF GRASS IN ALL DISTURBED AREAS TO BE RE-VEGETATED. VEGETATION GROWTH SHALL BE PERMANENT AND SUFFICIENT TO PREVENT EROSION OF THE UNDERLYING SOIL UNDER ALL CONDITIONS OF PRECIPITATION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING AND CARING FOR SEEDED, MULCHED, AND AREAS OF ESTABLISHED VEGETATION UNTIL FINAL ACCEPTANCE OF THE WORK BY THE OWNER.
7. HEALTHY EXISTING TREES ON AND ADJACENT TO THE DISTURBED AREAS SHALL BE SAVED AND PROTECTED AS ORDERED BY THE ENGINEER.
8. OPEN CUT AREAS SHALL BE MULCHED OUTSIDE OF ACTUAL WORK AREAS, AND HAY BALES SHALL BE EMPLOYED TO CONFINE SHEET WASH AND RUNOFF TO THE IMMEDIATE OPEN AREA AS ORDERED BY THE ENGINEER.
9. AT COMPLETION OF GRADING, SLOPES, DITCHES, AND ALL DISTURBED AREAS SHALL BE SMOOTH AND FREE OF POCKETS WITH SUFFICIENT SLOPE TO ENSURE DRAINAGE. THE SILT FENCES, MATTED DITCHES, AND OTHER EROSION CONTROL MEASURES SHALL BE MAINTAINED AND REPAIRED BY THE CONTRACTOR PRIOR TO AND AFTER EVERY RAINFALL OR AS ORDERED BY THE ENGINEER UNTIL ALL DISTURBED AREAS HAVE BEEN PAVED OR GRASSED AND APPROVED BY THE ENGINEER.
10. THE MAINTENANCE OF THE EROSION CONTROL DEVICES WILL INCLUDE THE REMOVAL OF ANY ACCUMULATED SEDIMENTATION.



1. BEGIN AT THE TOP OF THE CHANNEL BY ANCHORING THE BLANKET IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. FOLD REMAINING 12" PORTION OF BLANKET BACK OVER COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" APART ACROSS THE WIDTH OF THE BLANKET.
2. ROLL BLANKET IN DIRECTION OF WATER FLOW IN BOTTOM OF CHANNEL. BLANKETS WILL UNROLL WITH APPROPRIATE SIDE AGAINST THE SOIL SURFACE. ALL BLANKETS MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN ABOVE IN THE STAPLE PATTERN GUIDE.
3. PLACE CONSECUTIVE BLANKETS END OVER END (SHINGLE STYLE) WITH A 4"-6" OVERLAP. USE A DOUBLE ROW OF STAPLES STAGGERED 4" APART AND 4" ON CENTER TO SECURE BLANKETS.
4. FULL LENGTH EDGE OF BLANKETS ALONG SIDE SLOPES MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.
5. THE TERMINAL END OF THE BLANKETS MUST BE ANCHORED WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN A 6" DEEP X 6" WIDE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING.

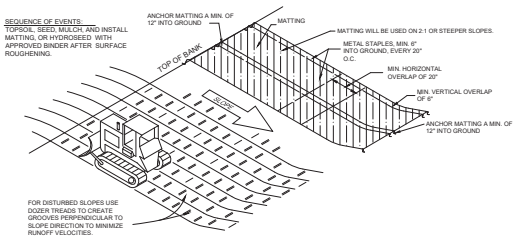
EROSION MATTING FOR CHANNELS
NTS



1. EROSION MATTING WILL BE USED ON SLOPES STEEPER THAN 3H:1V OR AS SHOWN ON THE PLANS.
2. PREPARE SOIL BEFORE INSTALLING MATTING, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. SOIL SURFACE SHALL BE GRADED SMOOTH WITHOUT ROOTS, STONES OR OTHER PROTUSIONS THAT WILL PREVENT THE MATTING FROM BEING APPLIED IN FULL CONTACT WITH THE SOIL SURFACE.
3. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE MATTING IN A 6" DEEP X 6" WIDE TRENCH WITH APPROXIMATELY 12" OF MATTING EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE MATTING WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" PORTION OF MATTING BACK OVER SEED AND COMPACTED SOIL. SECURE MATTING OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" PART ACROSS THE WIDTH OF THE MATTING.
4. ROLL THE MATTING (A.) DOWN OR (B.) HORIZONTALLY ACROSS THE SLOPE. INSURE THAT THE APPROPRIATE SIDE OF THE MATTING IS AGAINST THE SOIL SURFACE. ALL MATTING MUST BE SECURELY FASTENED TO SOIL SURFACE BY PLACING STAPLES/STAKES IN APPROPRIATE LOCATIONS AS SHOWN IN THE MANUFACTURER'S STAPLE PATTERN GUIDE FOR THE PARTICULAR PRODUCT AND APPLICATION. IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" MAY BE NECESSARY TO PROPERLY SECURE THE MATTING.
5. THE EDGES OF PARALLEL MATTING MUST BE STAPLED WITH APPROXIMATELY 6" OVERLAP DEPENDING ON MATTING TYPE.
6. CONSECUTIVE MATTING SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE - WITH THE UPPER MATTING PLACED OVER THE TOP OF THE LOWER MATTING) WITH AN APPROXIMATE 12" OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" APART ACROSS ENTIRE MATTING WIDTH.

EROSION MATTING FOR SLOPES
NTS

SEQUENCE OF EVENTS:
TOPSOIL, SEED, MULCH, AND INSTALL MATTING, OR HYDROSEED WITH APPROVED BINDER AFTER SURFACE ROUGHENING.



SLOPE RESTORATION
NTS

URBAN MIX GRASS SEED		
% BY WEIGHT	LBS. LIVE SEED PER ACRE	TYPE OF SEED
37.5	45	CREEPING RED FESCUE
37.25	37.5	KENTUCKY BLUEGRASS
25.25	37.5	WINTER HARDY, PERENNIAL RYE
100	120 # LIVE SEED PER ACRE	

STUMP DISPOSAL SPECIFICATIONS

THE TREES THAT MUST BE CUT WILL BE USED AS FIREWOOD. THE STUMPS, BRUSH, AND EXCESS UNSUITABLE EARTH WILL BE DISPOSED OF AT THE LOCATION DESIGNATED BY THE ENGINEER AS STUMP DISPOSAL AREA WELL ABOVE THE SEASONAL HIGH WATER OR HAULED OFF-SITE TO A STATE-APPROVED LANDFILL. IF ON-SITE STUMP DISPOSAL IS IMPLEMENTED, THE FOLLOWING GUIDELINES SHALL BE MET:

1. WHENEVER POSSIBLE, STUMP DISPOSAL SITES SHOULD BE LOCATED ON NEARLY LEVEL TO MODERATELY SLOPING LANDS (SLOPES LESS THAN 12%).
2. DISPOSAL SITES WILL NOT BE LOCATED IN OR WITHIN 100 FEET OF FLOWING WATERCOURSES OR STREAMS OR IN ACTIVELY ERODING GULLIES.
3. DISPOSAL SITES SHALL NOT BE LOCATED IN FLOODED OR FLOOD-PRONE LANDS, MARSHES, OR OTHER AQUIFER RECHARGE AREAS.
4. STUMPS WILL BE PLACED ON THE SITE IN A SINGLE LIFT PRIOR TO BACKFILLING. WHEN ADDITIONAL STUMPS ARE TO BE DEPOSITED ON THE SAME SITE, EACH SUCCESSIVE LAYER OR LIFT OF STUMPS WILL BE BACKFILLED.
5. STUMPS DEPOSITED IN DRAINAGEWAYS OR DEPRESSIONS SHALL BE BACKFILLED AND BERMED SO AS TO DIVERT OVERLAND FLOWS FROM THE DISPOSAL AREA.
6. A MINIMUM OF TWO FEET (2') OF OVERBURDEN WILL BE PLACED OVER ALL DISPOSAL SITES.

Date	Revision	By

These plans shall only be used for the purpose shown below:

- ☐ Sketch/Concept
- ☐ Preliminary
- ■ Final
- ☐ Act 250 Review
- ☐ Construction
- ☐ Record Drawing

LANDS OF
HINESBURG CENTER, LLC
VT Route 116 Hinesburg, VT

EROSION PREVENTION AND SEDIMENT CONTROL DETAILS

Lamoureux & Dickinson
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Project No.	19054
Survey	N/A
Design	NDS/RD
Drawn	DLH
Checked	RJD
Date	5/11/22
Scale	AS NOTED
Sheet number	9D