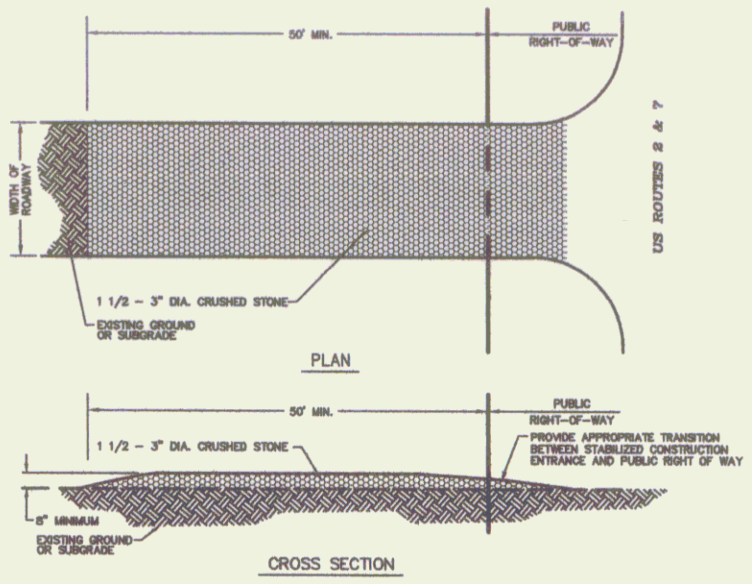
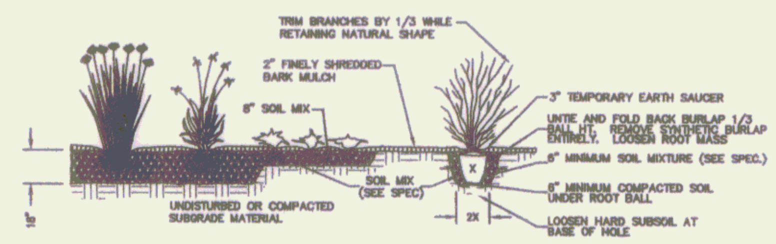


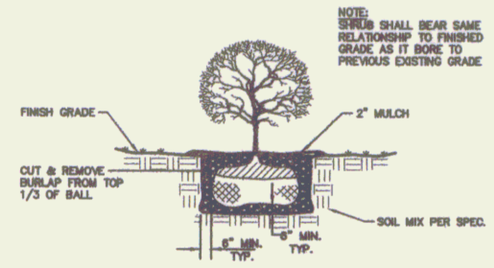
NOTES:

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 TRACKED, SPILLED, 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. THE TEMPORARY CONSTRUCTION ENTRANCE SHALL BE LOCATED AT THE LOCATION OF THE PROPOSED ENTRANCE AND SHALL BE MAINTAINED IN THIS LOCATION UNTIL FINAL CONSTRUCTION OF THE PROPOSED ENTRANCE IS REQUIRED.

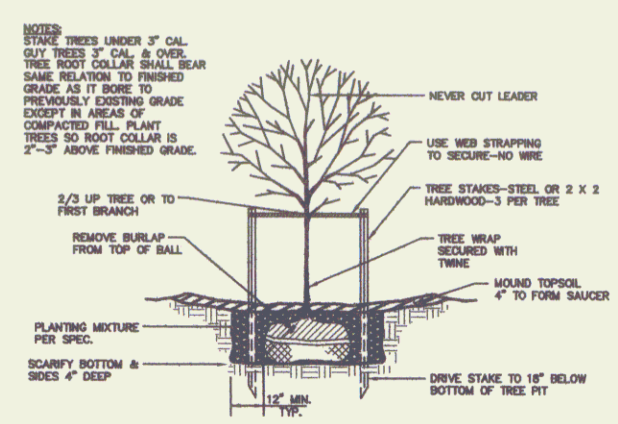
3/C-9 TEMPORARY STABILIZED CONSTRUCTION ENTRANCE DETAIL
N.T.S.



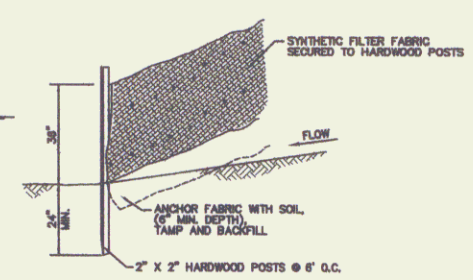
1/C-9 PERENNIAL, GROUNDCOVER & SHRUB PLANTING DETAIL
N.T.S.



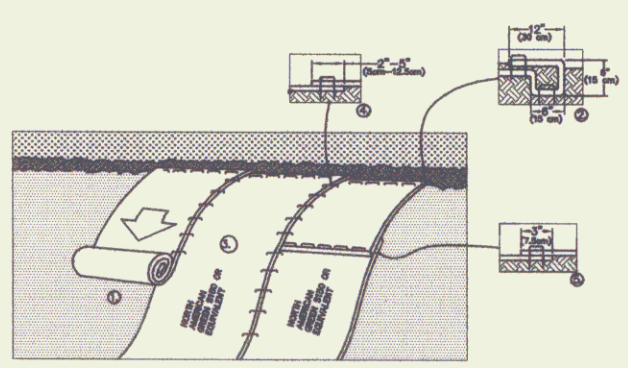
2/C-9 BUSH PLANTING DETAIL
N.T.S.



5/C-9 TYPICAL TREE PLANTING DETAIL
N.T.S.



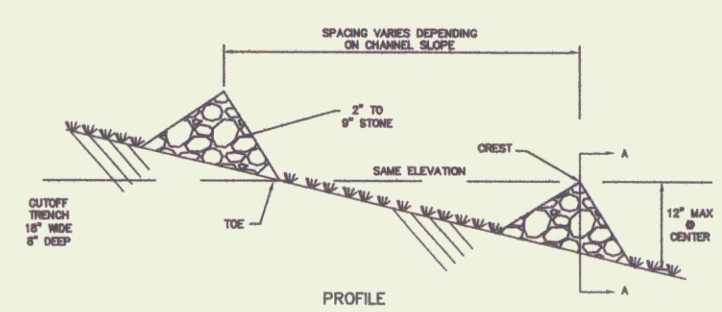
4/C-9 SILT FENCE DETAIL
N.T.S.

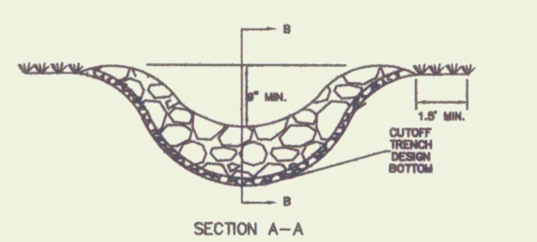


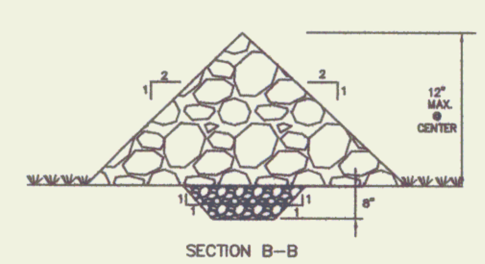
1. PREPARE SOIL BEFORE INSTALLING BLANKETS, INCLUDING ANY NECESSARY APPLICATION OF LIME, FERTILIZER, AND SEED. NOTE: WHEN USING CELL-O-SEED DO NOT SEED PREPARED AREA. CELL-O-SEED MUST BE INSTALLED WITH PAPER SIDE DOWN.
2. BEGIN AT THE TOP OF THE SLOPE BY ANCHORING THE BLANKET IN A 6" (15cm) DEEP X 6" (15cm) WIDE TRENCH WITH APPROXIMATELY 12" (30cm) OF BLANKET EXTENDED BEYOND THE UP-SLOPE PORTION OF THE TRENCH. ANCHOR THE BLANKET WITH A ROW OF STAPLES/STAKES APPROXIMATELY 12" (30cm) APART IN THE BOTTOM OF THE TRENCH. BACKFILL AND COMPACT THE TRENCH AFTER STAPLING. APPLY SEED TO COMPACTED SOIL AND FOLD REMAINING 12" (30cm) PORTION OF BLANKET BACK OVER SEED AND COMPACTED SOIL. SECURE BLANKET OVER COMPACTED SOIL WITH A ROW OF STAPLES/STAKES SPACED APPROXIMATELY 12" (30cm) APART ACROSS THE WIDTH OF THE BLANKET.
3. ROLL THE BLANKETS DOWN THE SLOPE. 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 IN THE STAPLE PATTERN GUIDE. WHEN USING OPTIONAL DOT SYSTEM*, STAPLES/STAKES SHOULD BE PLACED THROUGH EACH OF THE COLORED DOTS CORRESPONDING TO THE APPROPRIATE STAPLE PATTERN.
4. THE EDGES OF PARALLEL BLANKETS MUST BE STAPLED WITH APPROXIMATELY 2"–5" (5cm–12.5cm) OVERLAP DEPENDING ON BLANKET TYPE. TO ENSURE PROPER SEAM ALIGNMENT, PLACE THE EDGE OF THE OVERLAPPING BLANKET (BLANKET BEING INSTALLED ON TOP) EVEN WITH THE COLORED SEAM STITCH ON THE PREVIOUSLY INSTALLED BLANKET.
5. CONSECUTIVE BLANKETS SPLICED DOWN THE SLOPE MUST BE PLACED END OVER END (SHINGLE STYLE) WITH AN APPROXIMATE 3" (7.5cm) OVERLAP. STAPLE THROUGH OVERLAPPED AREA, APPROXIMATELY 12" (30cm) APART ACROSS ENTIRE BLANKET WIDTH.

NOTE:
*IN LOOSE SOIL CONDITIONS, THE USE OF STAPLE OR STAKE LENGTHS GREATER THAN 6" (15cm) MAY BE NECESSARY TO PROPERLY SECURE THE BLANKETS.

6/C-9 SLOPE STABILIZATION DETAIL
N.T.S.







CONSTRUCTION SPECIFICATIONS

1. SET SPACING OF CHECK DAMS TO ASSURE THAT THE ELEVATIONS OF THE CREST OF THE DOWNSTREAM DAM IS AT SAME ELEVATION OF THE TOE OF THE UPSTREAM DAM.
2. EXTEND THE STONE A MINIMUM OF 1.5 FEET BEYOND THE DITCH BANKS TO PREVENT CUTTING AROUND THE DAM.
3. PROTECT THE CHANNEL DOWNSTREAM OF THE LOWEST CHECK DAM FROM SCOUR AND EROSION WITH STONE OR LINER AS APPROPRIATE.
4. ENSURE THAT CHANNEL APPURTENANCES SUCH AS CULVERT ENTRANCES BELOW CHECK DAMS ARE NOT SUBJECT TO DAMAGE OR BLOCKAGE FROM DISPLACED STONES.

7/C-9 STONE CHECK DAM
N.T.S.

PLANTING NOTES

1. No planting will be installed until all grading and construction has been completed in immediate area.
2. Contractor to verify all utilities on property and to protect all utilities during excavation.
3. If there is a discrepancy between the number of plants shown on the plan and the number of plants shown in the plant list, the number of plants shown on the plan will take precedence.
4. All container material to be grown in container a minimum of 6 months.
5. All material shall comply with the latest edition of the American standard for nursery stock, American Association of Nurserymen.
6. Contractor shall repair all damage to property from planting operations at no cost to the owner.
7. Contractor shall guarantee new plant material through one calendar year from time of provisional acceptance.
8. All proposed plants shall be located carefully as shown on the plans and the placement shall be approved by landscape architect.
9. All disturbed areas not to be paved or planted shall be loamed and seeded as shown. See specifications for soil preparation and seed mix.
10. Wrapping material shall be first quality, heavy waterproof crepe paper manufactured for this purpose. Wrap all trees planted. Trees shall be wrapped during period from 9/15–12/1.
11. Two inch (2") deep, finely shredded bark mulch will be installed under all trees and shrubs that are isolated from ground cover areas and general shrub masses.
12. Soil mix (1/3 peat moss, 1/3 screened loam, 1/3 dehydrated manure):
13. Maintain all plantings through 1 year guarantee period, including watering.

TOPSOIL SPECIFICATION

A. Use suitable topsoil previously stockpiled on the site. Amend stockpiled silt subsoil with sand and organic material as necessary to create additional topsoil. Furnish any additional topsoil from off-site sources.

B. Topsoil, whether stripped from site, amended on-site, or supplied from off-site, shall be a sandy loam as defined by the USDA Soil Conservation Service Soil Classification System, and conforming to the following:

1. Mechanical Analysis:

% of Total

Textural Class	Weight	Average %
Sand (0.05–2.0 mm dia. range)	45 to 75	60
Silt (0.002–0.05 mm dia. range)	15 to 35	25
Clay (less than 0.002 mm dia. range)	5 to 25	15

2. 95% of topsoil passing a 2.0 mm sieve.
3. Free of stones 1 in. in longest dimension, earth clods, plant parts, and debris.
4. Organic matter content equal to 4 to 12% of total dry weight.

C. Topsoil shall have a pH value range of 6.0 to 6.5.

1. If planting soil mixture does not fall within the required pH range, limestone or aluminum sulfate shall be added to bring the pH within the specified limit.
2. If pH is below desired level add ground limestone. If pH is above desired level add aluminum sulfate.

SEEDING SPECIFICATION

URBAN MIX GRASS SEED		
% BY WEIGHT	LBS. LIVE SEED PER ACRE	TYPE OF SEED
37.5	45	CREEPING RED FESCUE
31.25	37.5	KENTUCKY BLUEGRASS
31.25	37.5	WINTER HARDY, PERENNIAL RYE
100	120 # LIVE SEED/ACRE	

FERTILIZER – 10 LBS PER 1000 SQ FT
SPRING SEEDING
FALL SEEDING

LIME – 90 LBS PER 1000 SQ FT
DOLOMITIC GROUND LIMESTONE
NOT LESS THAN 85% OF THE TOTAL CARBONATE

TOPSOIL
4" MINIMUM APPROVED TOPSOIL

STRAW MULCH – 2 BALES PER 1000 SQ FT
APPLY BINDER OR NETTING AS NEEDED

MAINTENANCE, GUARANTEE AND ACCEPTANCE OF SEEDING
THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CARE AND MAINTENANCE, INCLUDING WATERING, OF SEEDED AREA UNTIL THE SEEDING IS INSPECTED AND ACCEPTED BY THE OWNER. INSPECTION SHALL BE MADE AFTER THE SECOND MOWING. THE CONTRACTOR SHALL NOTIFY THE OWNER 48 HOURS IN ADVANCE WHEN THE SECOND MOWING IS SCHEDULED.
RESEEDING SHALL BE DONE UNTIL ALL AREAS ARE COMPLETELY COVERED WITH A MATURE STAND OF GRASS. AN AREA SHALL BE CONSIDERED COVERED WHEN THE ENTIRE SURFACE CONTAINS A VIGOROUS STAND OF GRASS. AREAS THAT, IN THE OPINION OF THE OWNER, ARE PREDOMINANTLY WEEDS SHALL BE TILLED, FINE GRADED, FERTILIZED AND RESEEDED IN THE MANNER SPECIFIED ABOVE.

REVISION DATE & DESCRIPTION	BY
12/31/07 – AOT/TOWN REVISION	MEC
2/15/08 – TOWN REVISION	MEC

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2 & 4 ROOSEVELT HIGHWAY
U.S. ROUTES 2 & 7
EROSION CONTROL DETAILS
COLCHESTER VERMONT

DRAWN	CCE
CHECKED	MEC
SCALE	N.T.S.
DATE	11/06/07
JOB NO.	27141
SHEET	C-9
OF	10 SHEETS

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