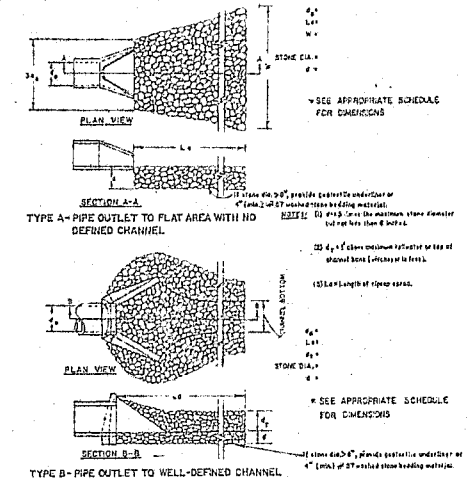


**Silt Fence** shall be installed around all storm drainage inlets, at the top of all fill slopes and any other necessary locations as directed by the Town Soil Erosion Control Engineer. Silt fence shall be erected in accordance with Standard Detail 4.01.

**Diversion Ditches** shall be installed at the top of cut and fill slopes and any other necessary locations as directed by the Town Erosion Control Engineer. Diversion ditches shall be installed in accordance with Standard Detail 4.07.

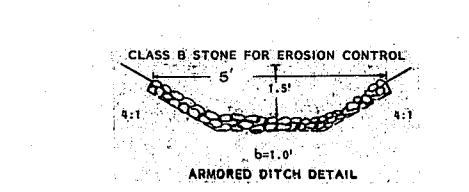
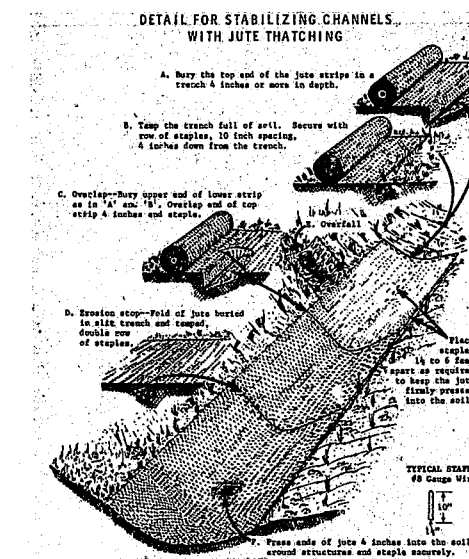
**Construction Entrances** shall be installed at all points of access to construction sites. Any access point with does not have a construction entrance shall be barricaded to prevent its use. Construction entrances shall be installed in accordance with Standard Detail 4.06.

**Sediment Pits or Filter Basins** shall be installed at all points where accumulated runoff is released to natural drainage channels as directed by the Town Soil Erosion Control Engineer. Sediment pits and filter basins shall be sized to hold 1800 cubic feet of sediment for every acre of denuded area tributary to the structure. Sediment basins shall be installed in accordance with Standard Detail 4.02. Filter basins shall be installed in accordance with Standard Detail 4.03.



**Riprap Dissipation Pads**

After construction is complete, all points of stormwater release shall be protected by riprap dissipation pads designed to reduce discharge velocities to nonerosive levels. The dissipation pads shall be designed and constructed with either an engineering fabric or washed stone barrier between the dissipation pad and the natural ground.



- CONSTRUCTION SEQUENCE**
1. Obtain grading permit.
  2. Install gravel construction pad, temporary diversions, silt fencing and sediment basins as shown on plans. Clear only as needed to install these devices.
  3. Call for onsite inspection by Erosion Control Inspector at 469-4076.
  4. Maintain devices as needed. Rough grade site.
  5. Install storm sewer (if shown) and protect inlets with silt fencing, sediment traps or other approved measures as shown on plans.
  6. Stabilize site as areas are brought up to finish grade with vegetation, paving, etc.
  7. When construction is complete and all areas are completely stabilized, call for an inspection by Erosion Control Inspector.
  8. If site is approved, remove temporary diversions, silt fencing, sediment basins, etc. and seed out or pave any resulting bare areas.
  9. When vegetation has been established, call for final site inspection by Erosion Control Inspector.
- SEEDBED PREPARATION**
1. Chiefly compacted areas and spread topsoil 3 inches deep over adverse soil conditions, if available.
  2. Rip the entire area to 6 inches depth.
  3. Remove all loose rock, roots, and other obstructions, leaving surface reasonably smooth and uniform.
  4. Continue tillage until a well pulverized, firm reasonably uniform seedbed is 4 to 6 inches deep.
  5. Apply agricultural limestone at a rate of 95 lbs./1000 square feet.
  6. Apply 5-10-10 fertilizer at a rate of 21 lbs./1000 square feet.
  7. Apply seed on a freshly prepared seedbed and apply at the rates outlined in tables 4.1 and 4.2.
  8. Mulch immediately after seeding with a small grain straw applied at a rate of 70 lbs./1000 square feet.
  9. Mulched areas shall be anchored (tacked) with asphalt emulsion or other approved method sufficient to hold the mulch in place at a rate of 150 to 200 gallons per ton of straw.
  10. If active construction ceases in any area for more than 30 days all disturbed areas must be seeded, mulched, and tacked.
  11. Consult Erosion Control Inspector on maintenance treatment and fertilization after permanent cover is established.

**TABLE 4.1**  
SHOULDERS, SIDE DITCHES, SLOPES  
(Max. 3:1)

Date	Type	Planting Rate
Aug 15 - Nov 1	Tall Fescue	300 lbs/acre
Nov 1 - Mar 1	Tall Fescue and Abruzzi Ryegrass	300 lbs/acre
Mar 1 - Apr 15	Tall Fescue	300 lbs/acre
Apr 15 - June 30	Mulched Common Bermudagrass	25 lbs/acre
July 15 - Aug 15	Tall Fescue and Broadleaf Millet or Sorghum-Sudan Hybrids	35 lbs/acre

Consult Erosion Control Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible.

Temporary - Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12 inches in height before mowing, otherwise fescue may be shaded out.

**TABLE 4.2**  
SHOULDERS, SIDE DITCHES, SLOPES  
Slopes (3:1 to 2:1)

Date	Type	Planting Rate
Mar 1 - June 1	Sericea Lespedeza (scarified)	50 lbs/acre
Mar 1 - Apr 15	Add Tall Fescue	120 lbs/acre
Mar 1 - June 30	Add Weeping Lovegrass	10 lbs/acre
Mar 1 - June 30	Add Mulched Common Bermudagrass	25 lbs/acre
June 1 - Sep 1	Add Tall Fescue and Broadleaf Millet or Sorghum-Sudan Hybrids	120 lbs/acre 35 lbs/acre 30 lbs/acre
Sep 1 - Mar 1	Sericea Lespedeza (unhulled-unscarified)	70 lbs/acre
Nov 1 - Mar 1	Add Tall Fescue and Abruzzi Ryegrass	120 lbs/acre 25 lbs/acre

Consult Erosion Control Engineer or Soil Conservation Service for additional information concerning other alternatives for vegetation of denuded areas. The above vegetation rates are those which do well under local conditions; other seeding rate combinations are possible.

Temporary - Reseed according to optimum season for desired permanent vegetation. Do not allow temporary cover to grow over 12 inches in height before mowing, otherwise fescue may be shaded out.

**EROSION CONTROL DETAILS**

CAMPBELL WOOD III (CARY'S ETJ)

RODNEY CAMPBELL

THOMPSON ASSOCIATES, PA

REVISIONS

THOMPSON ASSOCIATES

THOMPSON & ASSOCIATES, INC.

SEAL

DATE: 11/15/88

SCALE: AS SHOWN