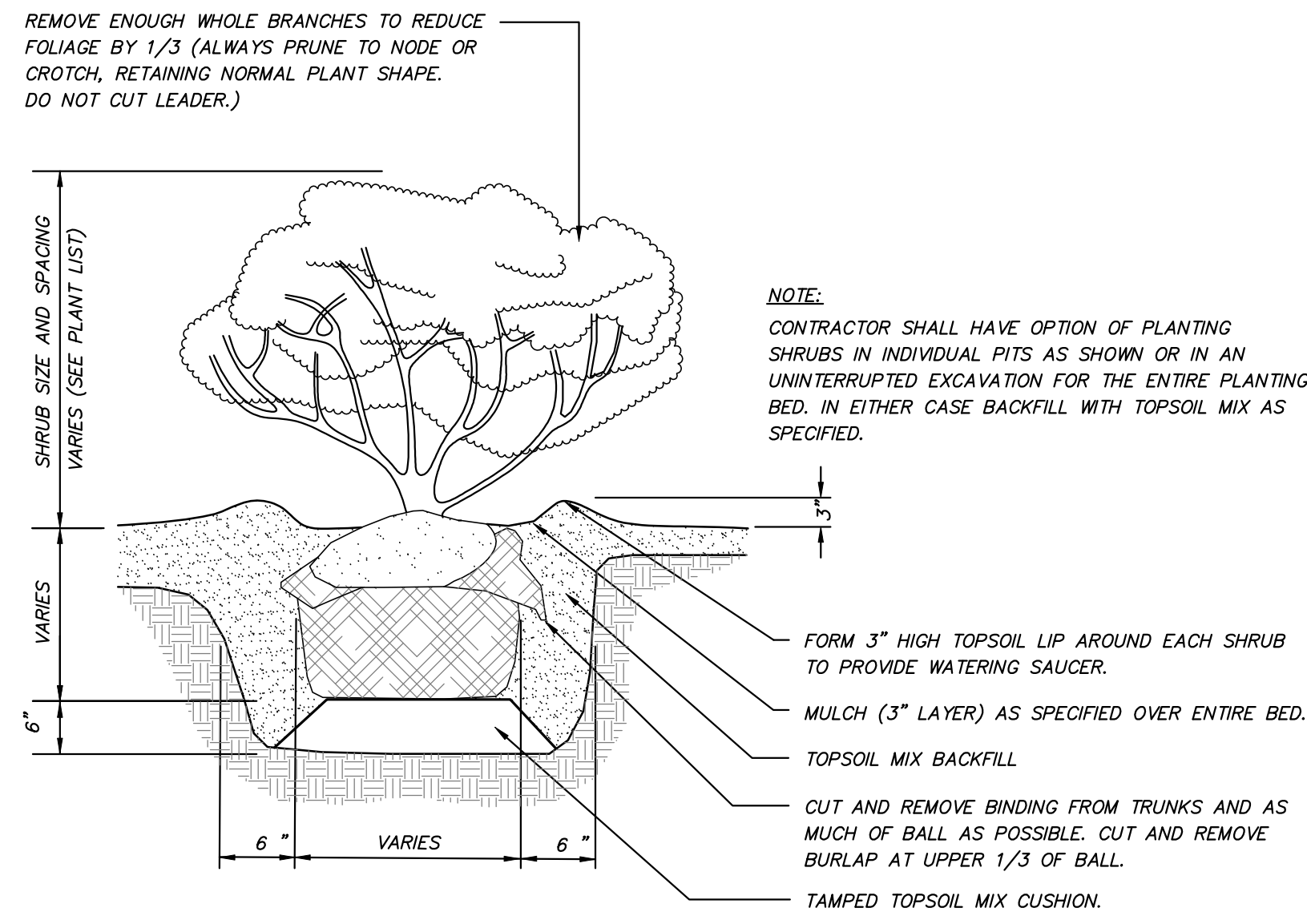
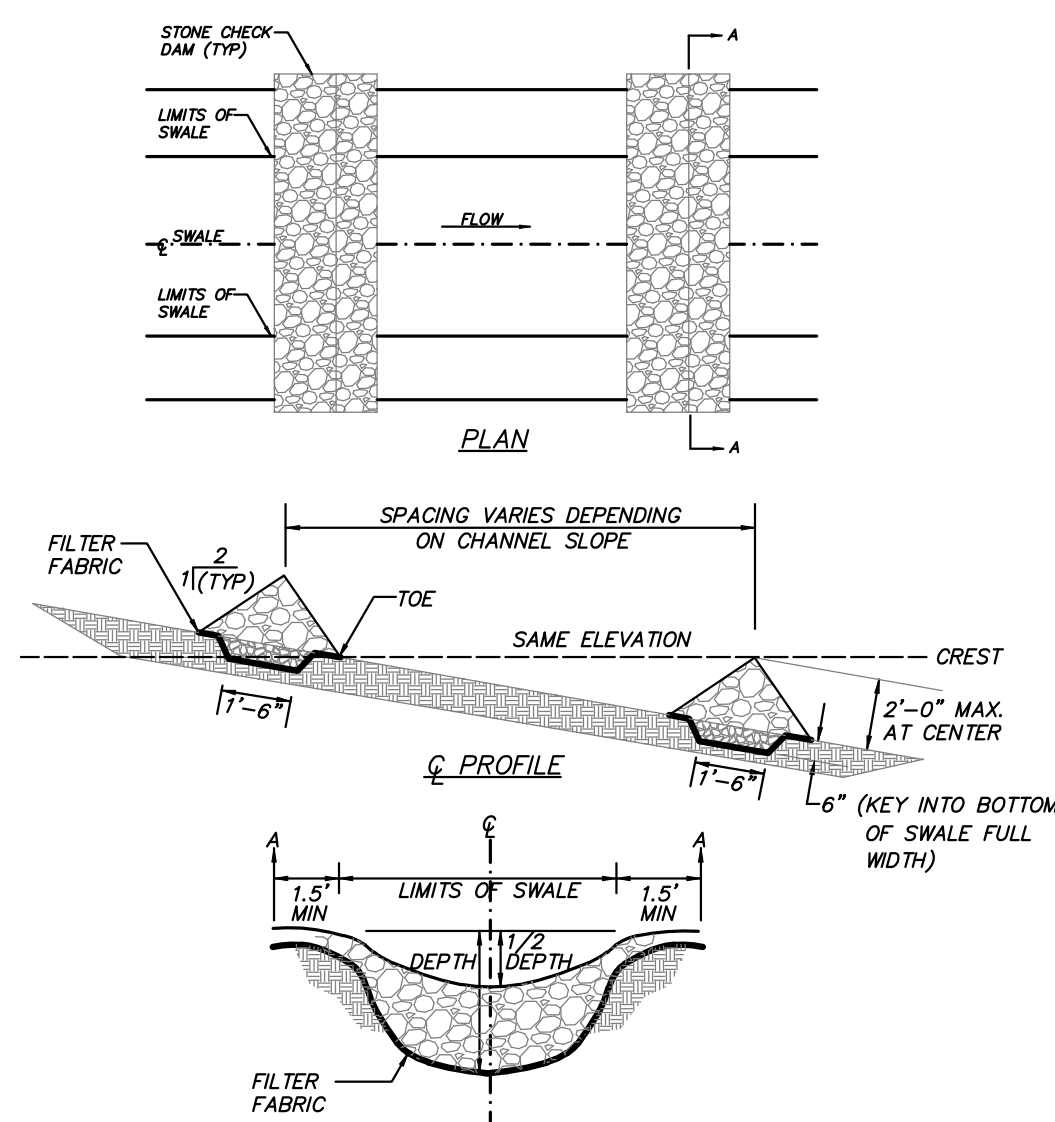


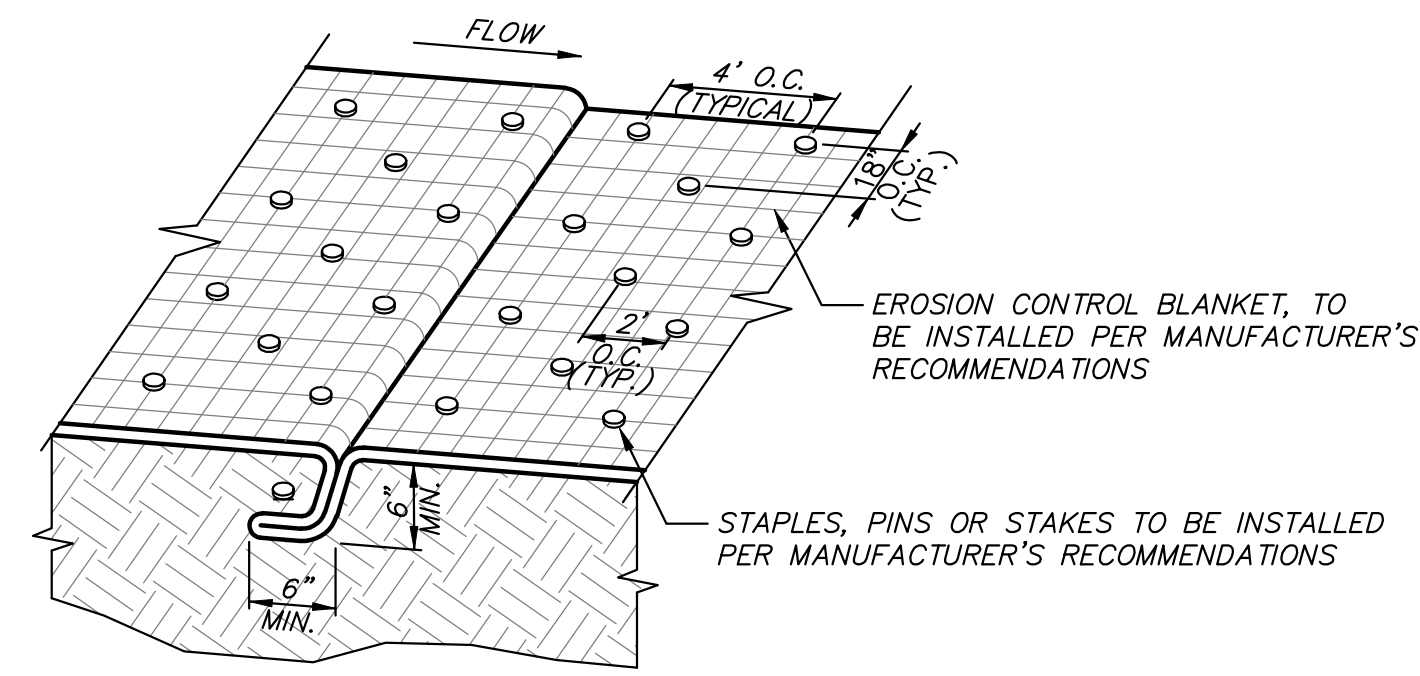
**TREE PLANTING DETAIL**  
(N.T.S.)



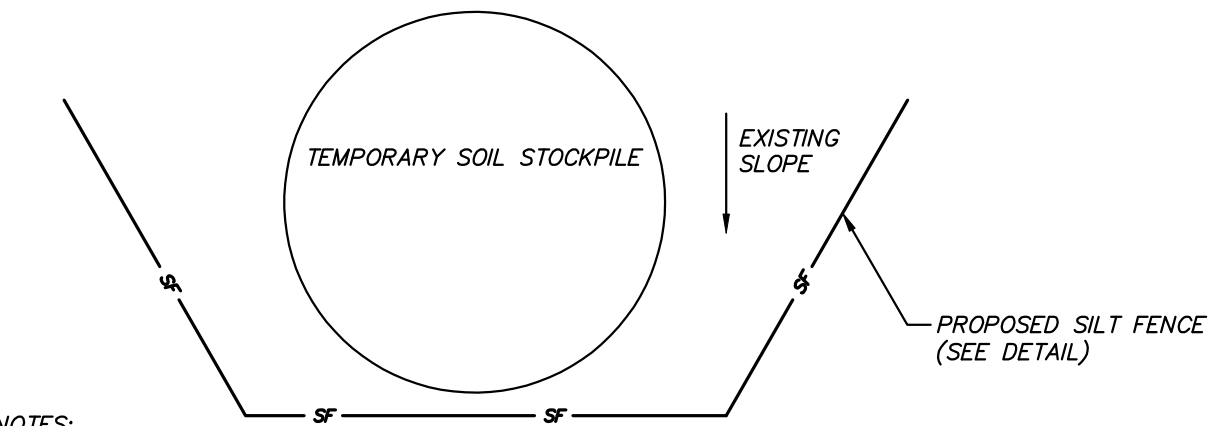
**SHRUB PLANTING DETAIL**  
(N.T.S.)



**STONE CHECK DAM DETAIL**  
(N.T.S.)

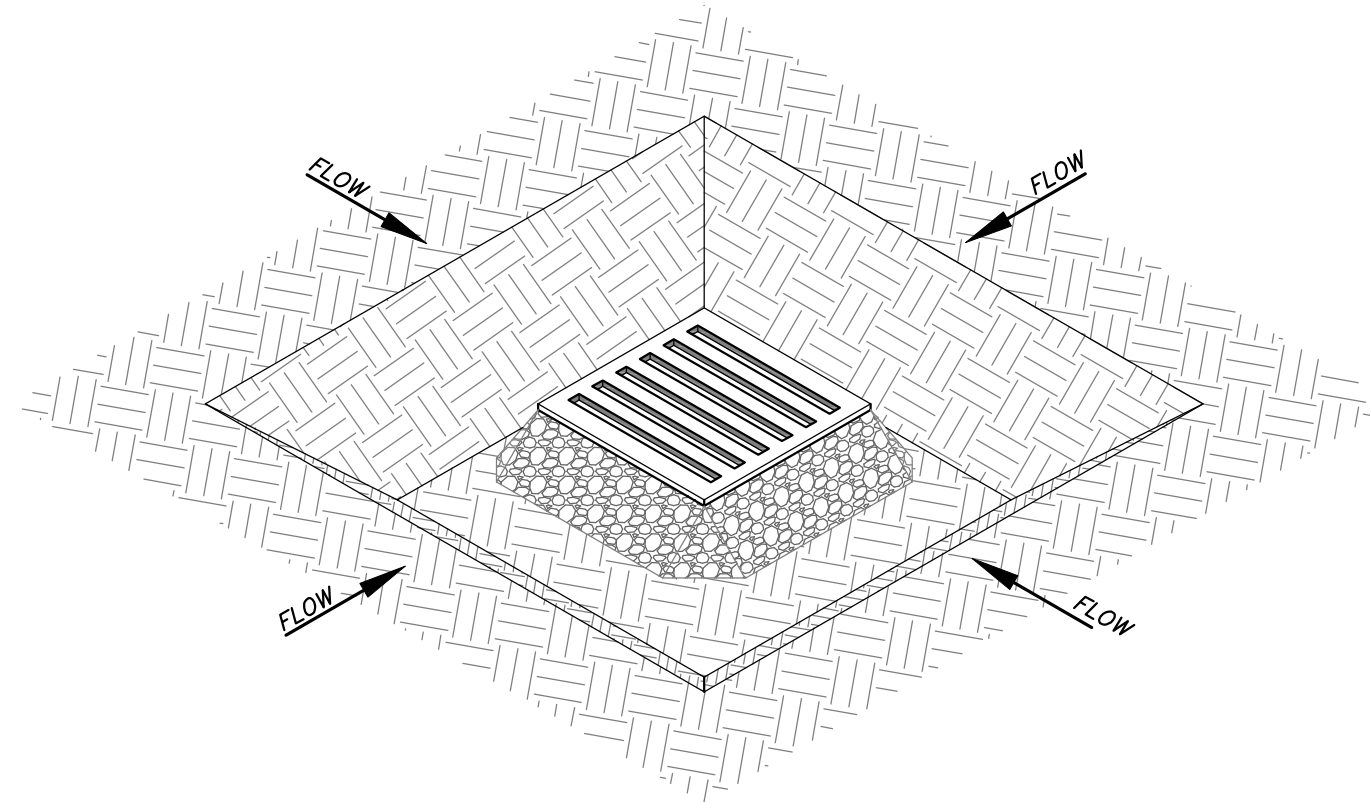


**TYPICAL GEOTEXTILE ANCHORING DETAIL**  
(N.T.S.)



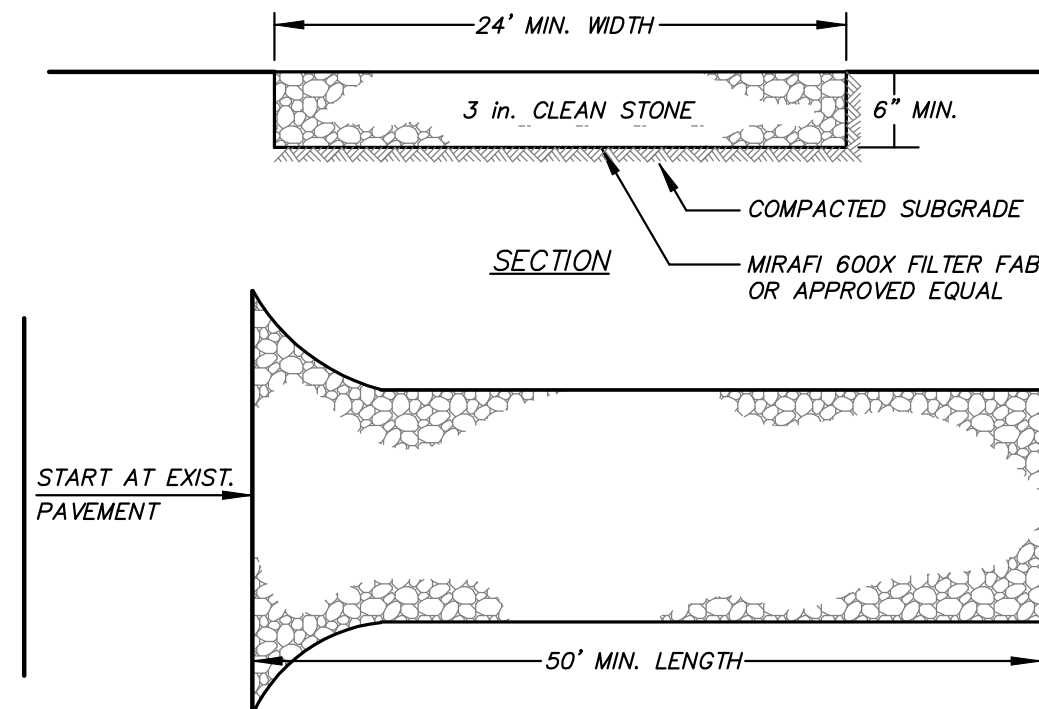
- NOTES:**
- AREA CHOSEN FOR STOCKPILE LOCATION SHALL BE DRY AND STABLE.
  - MAXIMUM SLOPE OF STOCKPILE SHALL BE 2:1.
  - UPON COMPLETION OF SOIL STOCKPILING, EACH PILE SHALL BE IMMEDIATELY SEED WITH K31 PERENNIAL TALL FESCUE.
  - ALL STOCKPILES SHALL BE PROTECTED WITH SILT FENCING INSTALLED ON THE DOWNDRIP/SIDE. ADDITIONAL ROWS OF SILT FENCE SHALL BE INSTALLED FOR EACH 25' OF SLOPE LENGTH.

**TEMPORARY SOIL STOCKPILE DETAIL**  
(N.T.S.)



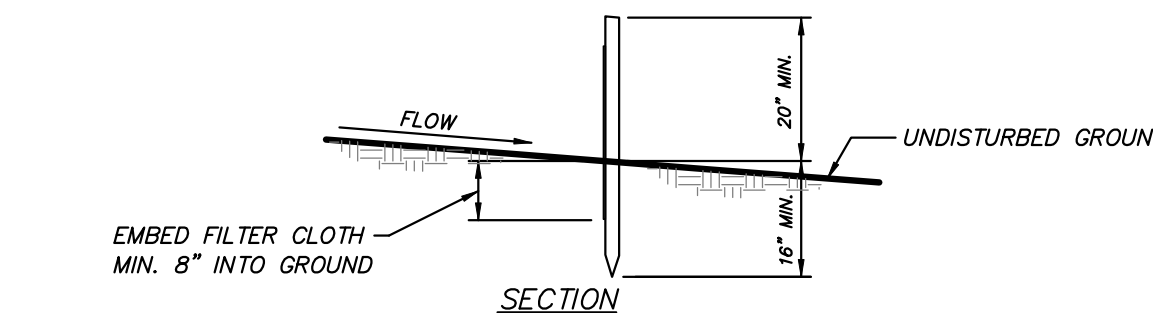
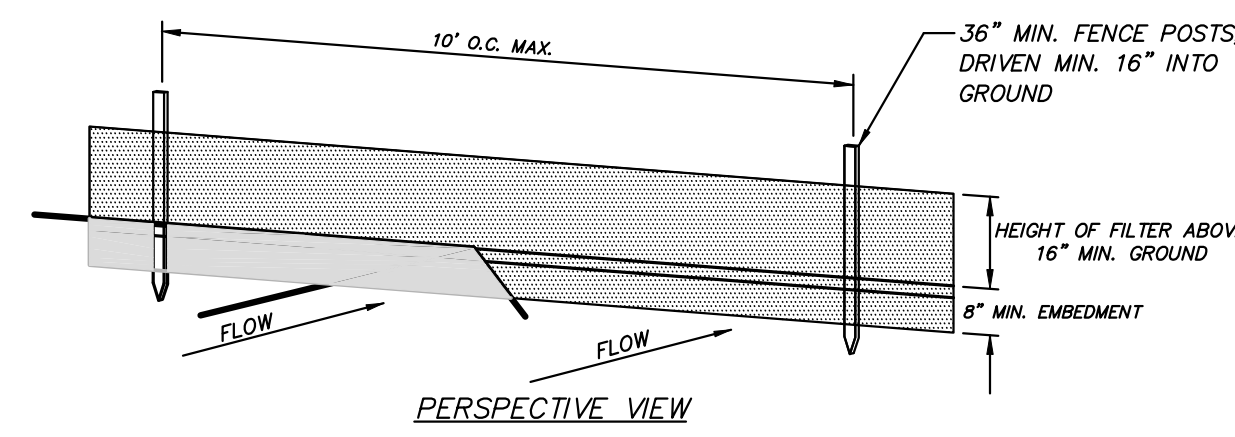
- NOTES:**
- CLEAR THE AREA OF ALL DEBRIS THAT WILL HINDER EXCAVATION.
  - GRADE APPROACH TO THE INLET UNIFORMLY AROUND THE BASIN.
  - KEEP HOLES SHALL BE PROTECTED BY GRAVEL.
  - UPON STABILIZATION OF CONTRIBUTING DRAINAGE AREA, SEAL KEEP HOLES, FILL EXCAVATION WITH STABLE SOIL TO FINAL GRADE, COMPACT IT PROPERLY, AND STABILIZE WITH PERMANENT SEEDING.
  - MAXIMUM DRAINAGE AREA = 1 ACRE.

**EXCAVATED DROP INLET PROTECTION DETAIL**  
(N.T.S.)



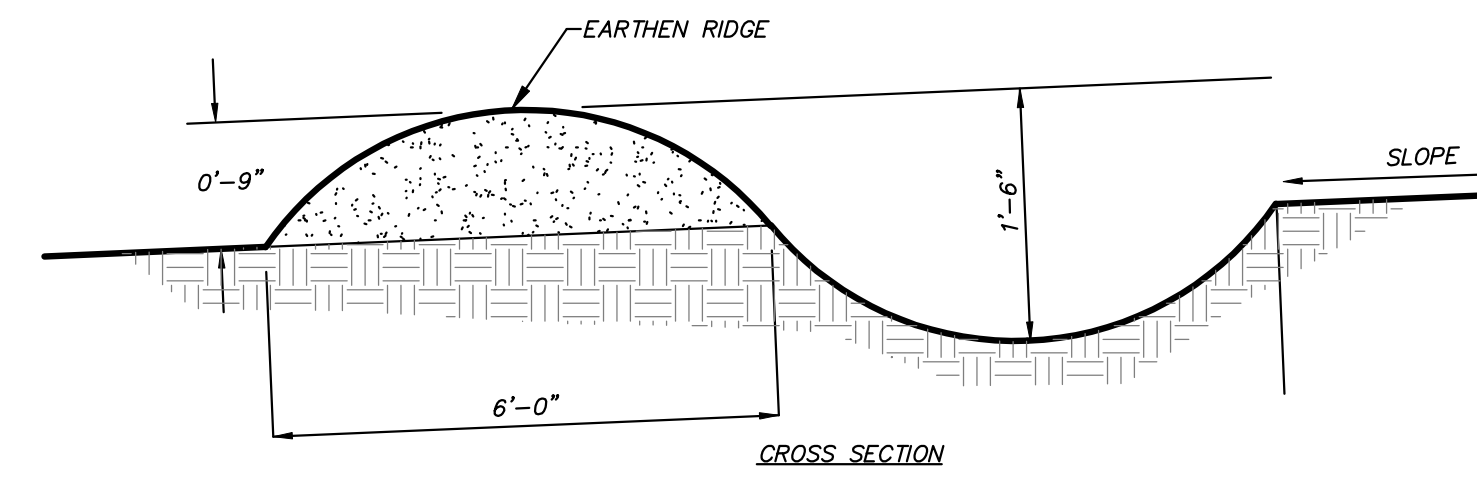
- INSTALLATION NOTES:**
- STONE SIZE - USE 3" STONE
  - LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FEET (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30 FOOT MINIMUM LENGTH WOULD APPLY.)
  - THICKNESS - NOT LESS THAN SIX (6) INCHES.
  - WIDTH - 10 FOOT MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCUR.
  - FILTER CLOTH - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. FILTER CLOTH WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
  - SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
  - MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT 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 TRACKED ONTO PUBLIC RIGHT OF WAY MUST BE REMOVED IMMEDIATELY.
  - WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT OF WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.
  - PERIODIC INSPECTION AND NEEDED MAINTENANCE SHALL BE PROVIDED AFTER EACH RAIN.

**STABILIZED CONSTRUCTION ENTRANCE DETAIL**  
(N.T.S.)



- CONSTRUCTION NOTES FOR FABRICATED SILT FENCE:**
- FILTER CLOTH TO BE FASTENED SECURELY TO POSTS AT TOP AND MID SECTION.
  - WHEN TWO SECTIONS OF FILTER CLOTH ADJOIN EACH OTHER THEY SHALL BE OVERLAPPED BY SIX INCHES AND FOLDED.
  - MAINTENANCE SHALL BE PERFORMED AS NEEDED. PREFABRICATED UNITS, GEOTEXTILE ENVIROFENCE, OR APPROVED EQUAL DEVELOP IN THE SILT FENCE.

**SILT FENCE DETAIL**  
(N.T.S.)



- NOTES:**
- INSTALL THE WATER BAR AS SOON AS THE RIGHT OF WAY IS CLEARED AND GRADED.
  - DISK OR STRIP THE SOIL FROM THE BASE FOR THE CONSTRUCTED RIDGE.
  - TRACK THE RIDGE TO COMPACT IT TO THE DESIGN CROSS SECTION.
  - THE OUTLET SHALL BE LOCATED ON AN UNDISTURBED AREA. FIELD SPACING WILL BE ADJUSTED TO USE THE MOST STABLE OUTLET AREAS. OUTLET PROTECTION WILL BE PROVIDED WHEN NATURAL AREAS ARE NOT ADEQUATE.
  - VEHICLE CROSSING SHALL BE STABILIZED WITH GRAVEL. EXPOSED AREAS SHALL BE IMMEDIATELY SEED AND MULCHED.
  - PERIODICALLY INSPECT WATER BARS FOR EROSION DAMAGE AND SEDIMENT CHECK OUTLET AREAS AND MAKE REPAIRS AS NEEDED TO RESTORE OPERATION.

**WATER BAR DETAIL**  
(N.T.S.)

**Sediment and Erosion Control Notes:**

- All construction activities involving the removal or disposition of soil, are to be provided with appropriate protective measures to minimize erosion and contain sediment disposition within. Minimum erosion and sediment control measures shall be implemented as shown on these plans and shall be constructed in accordance with the New York Guidelines for Urban Erosion and Sediment Control.
- Prior to the start of construction, temporary hay bales, silt fence, and other approved sediment control measures shall be in place as shown on these plans and at other locations where deemed necessary. Wherever feasible, natural vegetation shall be retained and protected.
- Disturbance shall be minimized in the areas required to perform construction.
- All disturbed areas shall be immediately laid back and stabilized as follows:
  - Graded to finished slopes.
  - Scarified.
  - Topsoiled with not less than 4" of suitable topsoil material.
  - Seeded with perennial ryegrass, chewing fescue and creeping red fescue.
- All temporary erosion and sediment controls shall remain in place and maintained regularly in properly functioning condition, until all areas exposed during site construction have been suitably stabilized with pavement, permanent structures and/or final vegetative cover.
- Cut and fill slopes shall not be steeper than 2:1 unless stabilized by appropriate techniques.
- Adequate provision shall be made to prevent surface water from damaging the cut face of excavation of the sloping surfaces of fills.
- Fill shall be placed and compacted so as to minimize sliding or erosion of the soil.
- Storm water from disturbed areas must be passed through an approved erosion control device before discharge beyond disturbed areas.
- The contractor selected to construct this project will be responsible for the implementation of sediment and erosion control measures on this site prior to the start of construction.

NO.	DATE	REVISION	BY
<b>INSITE</b> ENGINEERING, SURVEYING & LANDSCAPE ARCHITECTURE, P.C.			
PROJECT: UNION PLACE			
ROUTE 6 & BALDWIN PLACE ROAD, TOWN OF CARMEL, PUTNAM COUNTY, NEW YORK			
DRAWING: SITE DETAILS			
PROJECT NO.	02119.100	PROJECT MANAGER	J.J.C.
DATE	06-18-10	DRAWN BY	K.M.W.
SCALE	AS SHOWN	CHECKED BY	R.D.W.
DRAWING NO.	D-5		SHEET 32