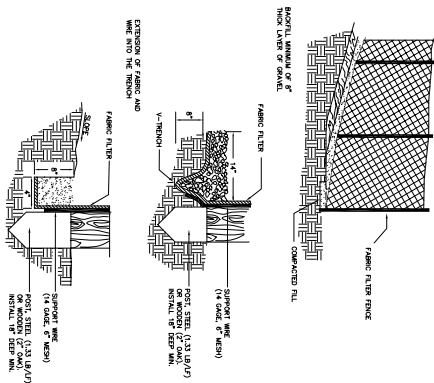


## SILT FENCE

### CONSTRUCTION SPECIFICATIONS

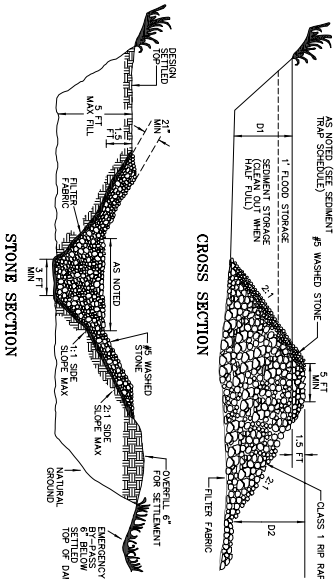
1. CONSTRUCT THE SQUARE BARRERS OF STANDARD STRENGTH OR EXTRA STRENGTH SYNTHETIC FILTER FABRIC.
2. ENSURE THAT THE HEIGHT OF THE STANDARD FENCE DOES NOT EXCEED 18 INCHES ABOVE THE STAMEN SURFACE.
3. CONSTRUCT THE FILTER FABRIC FROM A CONTINUOUS ROLL, CUT THE LENGTH OF THE FILTER FABRIC TO THE DESIRED HEIGHT OF THE FENCE, AND CUT THE FILTER FABRIC LONG ENOUGH TO ALLOW A SUPPORT POST WITH OVERLAP TO THE NEXT POST.
4. SUPPORT STANDARD STRENGTH STAMEN SUPPORT FILTER FABRIC USING WOOD FASTENERS SECURED TO THE UPSIDE SIDE OF THE POSTS USING HEAVY WIRE STAPLES AT LEAST 1 INCH LONG, OR WENES. EXTEND THE WESH SUPPORT TO THE BOTTOM OF THE POSTS.
5. WHEN A WESH SUPPORT FENCE IS USED, SPACED POSTS A MAXIMUM OF 8 INCHES APART. STAPLES SHOULD BE SPACED SECURELY INTO THE STAMEN A MAXIMUM OF 18 INCHES.
6. EXTRA STRENGTH FILTER FABRIC WITH A 6 FT GYPSY BAR DOES NOT REQUIRE WESH SUPPORT FENCE. STAPLE OR WENES THE FILTER FABRIC DIRECTLY TO THE POSTS.
7. EVALUATE A TRIMON APPROXIMATELY 4 INCHES WIDE AND 8 INCHES DEEP ALONG THE IMPOSED LINE OF POSTS AND UPSIDE FROM THE BARRIER.
8. BACKFILL THE TRIMON WITH COMPACTED SOIL OR GRAVEL, PLACED OVER THE FILTER FABRIC.
9. DO NOT ATTACH FILTER FABRIC TO EXISTING TREES.



# TEMPORARY SEDIMENT TRAP

## CONSTRUCTION SPECIFICATIONS

1. CLEAR GRAVE AND STRIP THE REAR UPRAMP. THE DRAINAGE OF ALL VEGETATION AND ROOT MATS REMOVE ALL SURFACE SOIL CONTAINING ORGANIC MATTER AND STABILIZED OR DISPOSED OF IT PROPERLY. HALL ALL UNDERMINED MATERIAL TO THE DESIRED DISPOSAL AREA.
2. ENSURE THAT THE FILL MATERIAL FOR THE DRAINAGE IS FREE OF ROCKS AND MOIST WOOD. CONTACT IT OVER FILL. THE DRAINAGE IS FOR SETTLEMENT.
3. CONSTRUCT THE OUTLET SECTION IN THE DRAINAGE. PROTECT THE CONNECTION BETWEEN THE RIPRAP AND THE SOIL FROM PILING BY USING FILTER FABRIC OR A KEYWAY CUTOFF FRENCH BETWEEN THE RIPRAP STRUCTURE AND THE SOIL.
4. CLAMP THE FILTER FABRIC BETWEEN THE RIPRAP AND SOIL. EXTEND THE FABRIC ACROSS THE SULLYWAY FOUNDATION AND SICES TO THE TOP OF THE DAM.
5. ALLOCATE A KEYWAY FRENCH ALONG THE CENTRELINE OF THE SULLYWAY FOUNDATION EXTENDING UP TO THE HEIGHT OF THE DAM. THE FRENCH SHOULD BE AT LEAST 2 FT DEPTH AND 2 FT WIDE WITH 1/2 IN. SLOPES.
6. ALLOCATE THE POOL AREA BELOW THE ELEVATION OF THE CREST OF THE DAM.
7. ALL CUT AND FILL SLOPES SHOULD BE 2:1 OR FLATTER.
8. ENSURE THAT THE STONE SPANNED SECTION OF THE DRAINAGE HAS A MINIMUM BOTTOM WIDTH OF 3 FT AND MAXIMUM SIDE SLOPES OF 1:1 THAT EXTEND TO THE BOTTOM OF THE SULLYWAY SECTION.
9. CONSTRUCT THE ANNUAL FINISHED STONE SULLYWAY BOTTOM WIDTH, AS SHOWN ON THE PLANS, WITH 2:1 SIDE SLOPES EXTENDING TO THE TOP OF THE OVER LIFT DRAINAGE. KEEP THE THICKNESS OF THE SIDES OF THE SULLYWAY OUTLET STRUCTURE AT A MINIMUM OF 21 INCHES. THE WALL MUST BE LEVEL AND CONSTRUCTED TO GRADE TO AVOID DESIGN CONFLICT.
10. MATERIAL USED IN THE STONE SECTION SHOULD BE A WELL-DRAINED WASHED OR HARD AND 3/4 INCHES CLASS B BROKEN STONE. THE STONE SHOULD BE PLACED IN A MANNER THAT PROVIDES A PROPERLY DRAINING SURFACE. THE STONE SHOULD BE PLACED IN THE SURROUNDING GROUND AND SHAPE THE CONNECTION TO THE CUTOFF STRUCTURE.
11. ENSURE THAT THE STONE SULLYWAY OUTLET SECTION EXTENDS DOWNSTREAM PAST THE TOP OF THE DRAINAGE UNTIL STABLE CONDITIONS ARE REACHED AND OUTLET VELOCITY IS ACCEPTABLE FOR THE RECEIVING STRAIGHT. KEEP THE EDGES OF THE STONE OUTLET SECTION FLUSH WITH THE SURROUNDING GROUND AND SHAPE THE CONNECTION TO THE CUTOFF STRUCTURE.
12. DIRECT EMERGENCY BYPASS TO NATURAL, STABLE AREAS. LOCATE BYPASS OUTLETS SO THAT FLOW WILL NOT DAMAGE THE DRAINAGE.
13. STABILIZE THE DRAINAGE AND ALL DISTURBED AREAS ABOVE THE SEDIMENT POOL, AND DOWNSTREAM FROM THE RIPAP IMMEDIATELY AFTER CONSTRUCTION.
14. SHOW THE DISTANCE FROM THE TOP OF THE SULLYWAY TO THE SEDIMENT CLEANSUIT LEVEL (ONE-HALF THE DESIGN DEPTH) ON THE PLANS AND MARK IT IN THE FIELD.
15. MAINTENANCE
16. INSPECT TEMPORARY SEDIMENT TRAPS AFTER EACH PERIOD OF SIGNIFICANT RAINFALL. REMOVE SEDIMENT AND RESTORE THE TRAP TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP. PLACE THE SEDIMENT THAT IS REMOVED IN THE DESIGNATED DISPOSAL AREA AND REPLACE THE CONTAMINATED PART OF THE GRAVEL FILL.
17. CHECK THE STRUCTURE FOR DAMAGE FROM EROSION OR PILING. PERIODICALLY CHECK THE DEPTH OF THE SULLYWAY TO ENSURE IT IS A MINIMUM OF 21 INCHES. IF THE DEPTH OF THE SULLYWAY IS LESS THAN 21 INCHES, ADD ADDITIONAL MATERIAL TO THE SEDIMENT POOL AREA DESIGN GRADELINE. RIPRAP DISPLACED FROM THE SULLYWAY MUST BE REPLACED IMMEDIATELY.
18. IF THE DEPTH OF THE SULLYWAY IS LESS THAN 21 INCHES, ADD ADDITIONAL MATERIAL TO THE SEDIMENT POOL AREA DESIGN GRADELINE AND STABILIZE PROPERLY.
19. IF THE DEPTH OF THE SULLYWAY IS LESS THAN 21 INCHES, ADD ADDITIONAL MATERIAL TO THE SEDIMENT POOL AREA DESIGN GRADELINE AND STABILIZE PROPERLY.
20. REMOVE THE STRUCTURE AND ALL UNSTABLE SEDIMENT. SMOOTH



### PROJECT INFORMATION

### PROJECT DESCRIPTION

DURING CONSTRUCTION OF THE PROJECT. THE SITE IS LOCATED IN CHATHAM COUNTY ON THE CORNER OF MT. GLEAD CHURCH ROAD AND HADLEY ROAD (SEE MONITY MAP).

### SITE DESCRIPTION

THE SITE GENERALLY ROLLS TOPOGRAPHY WITH SLOPES GENERALLY 5 TO 10% DRAINING TO A STREAM ON THE SOUTHERN PORTION OF THE SITE. THE PROPERTY IS WOODED WITH HEAVY GROUND LITTER (PINE NEEDLES, ETC.). TWO SMALL DRAINAGE DITCHES DIRECT OFFSITE DRAINAGE FROM ACROSS HADLEY ROAD TO THE STREAM PREVIOUSLY MENTIONED. ALTHOUGH A SECOND STREAM IS NOTED ON USGS MAPS, NO INDICATION OF THIS STREAM IS LOCATED IN THE FIELD AND THE OWNER IS WORKING WITH USACE TO REMOVE THIS DESIGNATION.

ADJACENT PROPERTY

NARRATIVE

1. PLANNED EROSION AND SEDIMENTATION CONTROL PRACTICES
2. CONSTRUCTION ENTRANCE/CUT  
THE DISTRIBUTION DRAINAGE PAVEMENT AT THE SITE WILL BE IMPROVED AS NECESSARY FOR USE AS A CONSTRUCTION ENTRANCE.
3. ROAD STABILIZATION  
ON THE EXISTING GRAVEL DRIVE, GRADE IS REACHED ON THE NEW STREET. THE SHOULDER WILL BE STABILIZED WITH AGG. STONE
4. SEDIMENT TRAP/RETENTION/DEPOSITION/CONTROL DAM  
A SEDIMENT TRAP/RETENTION/DEPOSITION/CONTROL DAM WILL BE CONSTRUCTED AS NOTED ALONG THE RIGHT-OF-WAY TO DIRECT SEDIMENT-LADEN RUNOFF TO SEDIMENT TRAPS AND SEDIMENT LAGOONS.
5. CLEAN RUNOFF FROM SEDIMENT-LADEN RUNOFF  
CHECK DAMS WILL BE ADDED AS NECESSARY TO REDUCE VELOCITIES IN DITCHES.
6. SEDIMENT TRAPS  
SEDIMENT TRAPS WILL BE PROVIDED AT VARIOUS POINTS ALONG THE PERIMETER OF THE DISTURBED AREA TO PROVIDE FILTRATION OF SEDIMENT-LADEN RUNOFF PRIOR TO LEAVING THE SITE.

## CONSTRUCTION SCHEDULE

## CONSTRUCTION SCHEDULE

1. HOLD RECONSTRUCTION CONFERENCE AT LEAST ONE WEEK PRIOR TO STARTING CONSTRUCTION.
2. INSTALL CONSTRUCTION ENTRANCE.
3. INSTALL PERIMETER DITCHES AND STABILIZE IMMEDIATELY.
4. CLEAR AS REQUIRED FOR CONSTRUCTION OF PERIMETER MEASURES (SEDIMENT TRAPS AND DIVERSIONS).
5. INSTALL PERIMETER MEASURES.
6. COMPLETE SITE CLEANING AND SHIPPING.
7. INSTALL CURBETS AND APRONS.
8. GRADE AND STABILIZE DRAIN.
9. COMPLETE GRADING FOR PADS.
10. INSTALL AERIAL STORE AND COMPACT.
11. INSTALL BUILDINGS.
12. DISK, SEED AND MULCH ROAD SHOULDERS, DITCHES AND SLOPES. INSTALL LINERS AS NOTED.
13. INSPECT ALL EROSION AND SEDIMENT CONTROL PRACTICES WEEKLY AND AFTER RAINFALL EVENTS. MAKE NEEDED REPAIRS IMMEDIATELY.

## MAINTENANCE PLAN

1. CHECK ALL FERTILIZER AND SEEDING CONTROL PRACTICES FOR STABILITY AND OPERATION FOLLOWING EACH ANNUAL PLANTING OPERATION. FERTILIZER AND SEEDING EQUIPMENT SHOULD BE MAINTAINED AND REPAIRED AS NEEDED IMMEDIATELY TO MAINTAIN ALL PRODUCTION AS DESIGNED. FOLLOW ALL REQUIREMENTS OF VARIETAS GRAIN & PHEUNT.
2. REMOVE SEEDING FROM BEHIND SILENCE CULTIVATORS AND OTHER PLANTS WHEN STORAGE CAPACITY HAS BEEN APPROXIMATELY FORTY PERCENT FULL. CLEAN OR REPAIR GRAVEL ON CULTIVATORS WHEN THE WATER PLOTS AND IS NOT DRAINING PROPERLY.
3. BEFORE EACH SEEDING, SEEDING OPERATOR MUST CONDUCT A VISUAL INSPECTION OF THE WEIR GAGE ELEVATION. CHECK TRENCH FOR EVIDENCE OF FLOODING OR OTHER OBSTRUCTIONS TO THE FLOW OF SEEDING. IF THE WEIR GAGE ELEVATION IS NOT CORRECT, THE SEEDING OPERATOR MUST STOP THE SEEDING OPERATION IMMEDIATELY AND CORRECT THE PROBLEM BEFORE RESUMING SEEDING.
4. SEED AND FERTILIZER ALL DISTURBED AREAS WITHIN 15 DAYS OF THE COMPLETION OF ANY PHASE OF GRADING, REVEGETATE ALL SEEDBEDS AS NECESSARY, AND MULCH ACCORDING TO THE SEEDING SCHEDULE TO MAINTAIN A VIGOROUS, DENSE VEGETATIVE COVER.