

Figure 7-9 - Placement and Construction of a Synthetic Filter Barrier

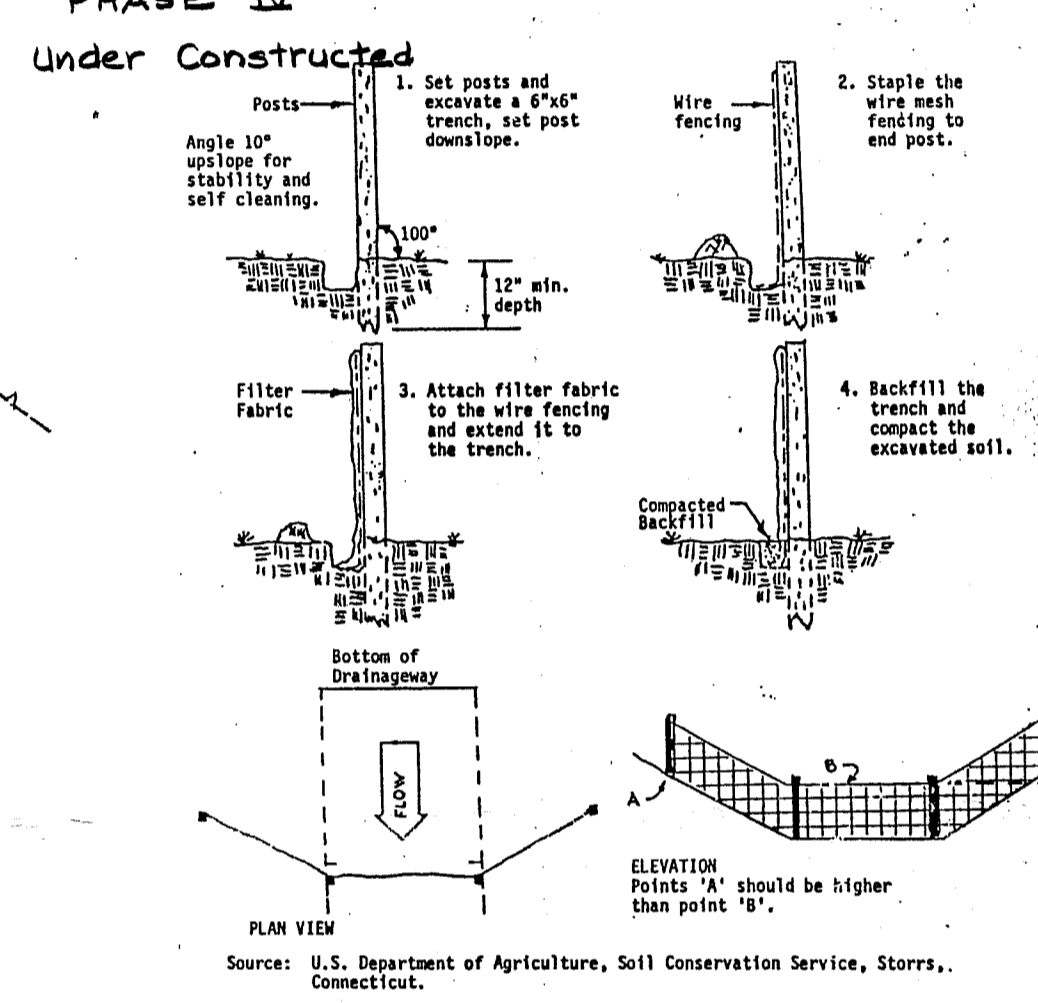
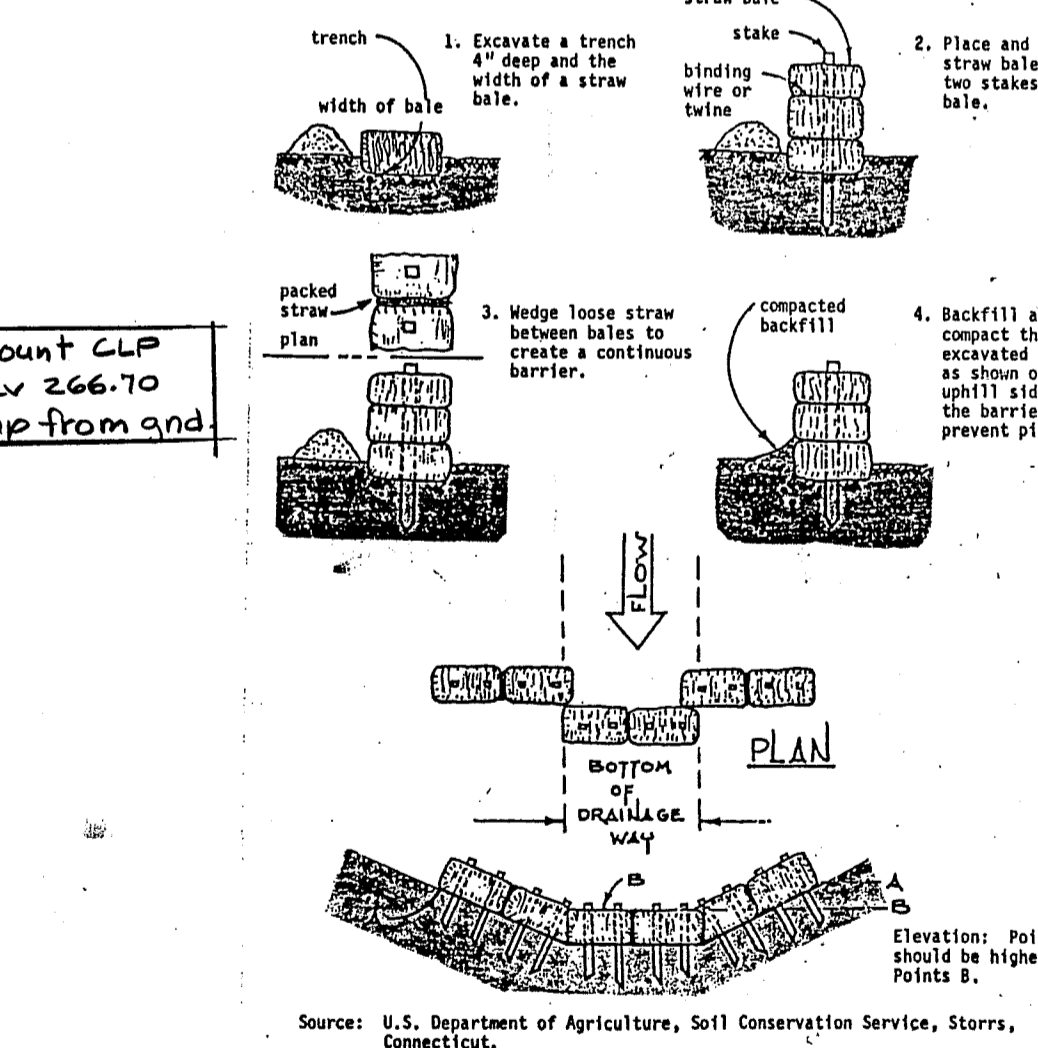


Figure 7-7 - Placement and Construction of a Straw Bale Barrier



MAP REFERENCES

- STATE OF CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION DAN W. LUFKIN, COMMISSIONER WILLIMANTIC RIVER CHANNEL ENCROACHMENT LINES COVENTRY, CONNECTICUT MARCH 1971 PROJECT NO. W-133 DEGEN & KROPPER BOSTON - HARTFORD Sheet 9 of 21
- PROPOSED BORROW PIT AND PART COMPLETED DESIATO SAND AND GRAVEL CORP. OLD EAGLEVILLE ROAD, COVENTRY, CONN. SCALE: 1" = 100' AUG. 2, 1976 STEPHEN A. FILIP, LAND SURVEYOR, ASHFORD, CT. REV.: MAR. 27, 1995
- RIVER VIEW SECTION I PROPERTY OF DESIATO SAND AND GRAVEL CORP. OLD EAGLEVILLE ROAD, COVENTRY, CONN. SCALE: 1" = 40' JUNE, 1983 STEPHEN A. FILIP, LAND SURVEYOR, ASHFORD, CT. REV.: OCT. 85
- "RIVER-VIEW" PROPERTY SURVEYED FOR DESIATO SAND AND GRAVEL CORP. OLD EAGLEVILLE ROAD, COVENTRY, CONN. SCALE: 1" = 40' MAY 4, 1978 STEPHEN A. FILIP, LAND SURVEYOR, ASHFORD, CT. REV.: JUNE 19, 1978

NARRATIVE

- THE DEVELOPMENT IS THE CONSTRUCTION OF A BORROW PIT 14.0 ACRES OF LAND. AREA TO BE DISTURBED IS 7.0 AC.
- A. THE PROJECT WILL START IN MAY, 1995 AND IS TO BE COMPLETED IN ...
B. CONSTRUCTION OF THE INDIVIDUAL SITES WILL COMPLETED IN THE FOLLOWING ORDER:
I. ACCESS ROAD
II. REMOVAL OF GRAVEL
III. FINAL GRADING AND SEEDING OF SITE
C. THE SEQUENCE FOR INSTALLATION AND/OR APPLICATION OF THE SOIL EROSION AND SEDIMENT CONTROL MEASURES IS THE SAME AS THE CONSTRUCTION SEQUENCE SHOWN ABOVE. SILT FENCE BARRIERS ARE TO BE PUT IN PLACE BEFORE CONSTRUCTION BEGINS. ALL DISTURBED AREAS ARE TO BE MULCHED AND SEEDED IMMEDIATELY AFTER CONSTRUCTION.
D. FINAL SEEDING AND GRADING IS TO BE DONE AT THE DATES SHOWN IN THE SEEDING SCHEDULE.
- THE DESIGN CRITERIA FOR THE PROPOSED SOIL EROSION AND SEDIMENT CONTROL MEASURES IS THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL HANDBOOK, DATED JAN., 1985.
- CONSTRUCTION DETAILS AS SHOWN ARE FOR STAKED SILT FENCE BARRIERS. STAKED HAY BALES MAY BE SUBSTITUTED IF WARRANTED.
- THE STAKED SILT FENCE BARRIERS AND/OR STAKED HAY BALES SHALL BE EMPLACED IN ACCORDANCE WITH THE PROCEDURE OUTLINED IN THE BEFORE MENTIONED HANDBOOK ON PAGES 7-31 & 7-33
- SILT FENCE BARRIERS AND MULCHED AREAS WILL BE CHECKED ON A WEEKLY BASIS, ESPECIALLY DURING THE WET SEASONS. AREAS THAT NEED TO BE RESEDED WILL BE DONE IMMEDIATELY. SEDIMENTS REMOVED FROM THE PROJECT ARE TO BE DISPOSED AT A LOCATION THAT WILL NOT CAUSE ADDITIONAL SEDIMENT PROBLEMS TO THE SURROUNDING AREAS.
- THE PERSON(S) RESPONSIBLE FOR THE SOIL EROSION AND SEDIMENT CONTROL MEASURES IS PHILIP DESIATO 429-6479.

SEEDING SCHEDULE

- A MINIMUM OF 4" OF TOPSOIL IS TO BE SPREAD ON ALL DISTURBED AREAS. PERMANENT SEEDING IS TO BE DONE DURING THE DATES 1 APRIL TO 1 JUNE OR 15 AUGUST TO 15 SEPTEMBER. SEEDBED PREPARATION WILL CONSIST OF: 300 LBS. OF 10-10-10 FERTILIZER PER ACRE AND 2.5 TONS OF LIME PER ACRE.
- IF PERMANENT SEEDING CANNOT BE DONE DURING THE SPECIFIED TIME, TEMPORARY SEEDING WILL BE DONE. THE TEMPORARY SEEDING MIXTURE WILL CONSIST OF 40 LBS. OF PERENNIAL RYE GRASS PER ACRE. TEMPORARY SEEDING MAY BE DONE DURING THE PERIODS: 1 MARCH TO 15 JUNE OR 1 AUGUST TO 1 OCTOBER. SEEDBED PREPARATION WILL BE COMPLETED IN ACCORDANCE WITH NOTE 1 ABOVE.
- IF PERMANENT SEEDING OR TEMPORARY SEEDING CANNOT BE DONE DURING THE PERIODS SPECIFIED, TEMPORARY MULCHING MUST BE DONE! TEMPORARY MULCHING WILL CONSIST OF SPREADING HAY AT A RATE OF 2 TONS PER ACRE. THE HAY WILL BE FREE OF WEEDS AND COARSE MATERIAL AND MUST BE APPROPRIATELY ANCHORED. THE HAY MAY BE SPREAD WITH A HULCH BLOWER OR BY HAND.
- THE PERSON RESPONSIBLE FOR THE SOIL EROSION AND SEDIMENT CONTROL IS Philip Desiato 429-6479
- THE PERMANENT SEEDING MIXTURE WILL CONSIST OF:

Switch Grass 5lbs. per Ac. pure live seed
 Bluestem (Little) 5lbs. per Ac. pure live seed
 Perennial Ryegrass 5lbs. per Ac.
 Birds foot trefoil 5lbs. per Ac. with inoculant

LEGEND

- IRON PIN
- MONUMENT
- UTILITY POLE
- LIMIT OF CONSTRUCTION
- SILT FENCE BARRIER
- CHANNEL ENCROACHMENT LINE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- FLOOD LIMIT

NOTES:

- TOTAL AREA OF SITE = 14 AC. 6-7 + 3 AC. 1-5 = 50 AC.
- TOTAL AREA OF PHASE 6 AND 7 = 7.0 ACRES
- CONTOUR INTERVAL - 5 FT. USGS DATUM

OBSERVED BY FILIP ASSOCIATES 10-10-95

TEST PIT #1
 0"-12" TOP SOIL
 12"-30" SILTY LOAM
 30"-120" GRAVEL-MEDIUM COBBLES
 120"-204" SAND-MEDIUM TO COARSE
 NO WATER
 NO LEDGE

TEST PIT #2
 0"-96" GRAVEL SMALL COBBLES
 96"-132" SILTY AND FINE SAND
 132"-192" COURSE SAND
 NO WATER
 NO LEDGE

I HEREBY DECLARE THAT THIS MAP IS SUBSTANTIALLY CORRECT. THIS MAP AND SURVEY WERE PREPARED IN ACCORDANCE WITH THE STANDARDS OF A CLASS D SURVEY (D), AS DEFINED IN THE "RECOMMENDED STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS PREPARED AND ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC., ON DECEMBER 10, 1975.

STEPHEN A. FILIP, CONN. I.L.S. #7757 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE ORIGINAL STAMP OR THE RAISED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

(1) EXCEPTING MONUMENTATION

SITE PLAN PREPARED FOR		
DESIATO SAND AND GRAVEL CORP. EXTENSION TO EXISTING GRAVEL PIT		
PHASE 6 AND 7 OLD EAGLEVILLE RD. COVENTRY, CT.		
SCALE: 1" = 80'	DATE: 4 APRIL, 1995	
DRAWN BY: PNO	CHECKED BY: SAF	SHEET NO. 1 OF 1
FILIP ASSOCIATES--		REV.: 8-4-95
1875 STORRS RD., STORRS, CT.		REV.: 10-12-95
		REV.: 10-10-00