

DRAINAGE AREA ID	ST-1
TOTAL DRAINAGE AREA SIZE	1.12 AC
BOTTOM/TOP LENGTH	34LF/58LF
BOTTOM/TOP WIDTH	20LF/44LF
DEPTH	4"
BERM HEIGHT	1'
WEIR LENGTH	7 LF
WEIR HEIGHT	1.5'
STORAGE REQUIRED (CY)	75 WET - 75 DRY
STORAGE PROVIDED (CY)	78 WET - 148 DRY

*SEE PLAN VIEW FOR LENGTH,
WIDTH, AND DEPTH DIMENSIONS.



DRAINAGE AREA ID	ST-5
TOTAL DRAINAGE AREA SIZE	1.93 AC
BOTTOM/TOP LENGTH	44LF/68LF
BOTTOM/TOP WIDTH	30LF/54LF
DEPTH	4'
BERM HEIGHT	1'
WEIR LENGTH	12 LF
WEIR HEIGHT	1.5'
STORAGE REQUIRED (CY)	130 WET - 130 DRY
STORAGE PROVIDED (CY)	135 WET - 222 DRY

*SEE PLAN VIEW FOR LENGTH,
WIDTH, AND DEPTH DIMENSIONS.



DRAINAGE AREA ID	ST-2
TOTAL DRAINAGE AREA SIZE	1.46 AC
BOTTOM/TOP LENGTH	42LF/66LF
BOTTOM/TOP WIDTH	22LF/46LF
DEPTH	4'
BERM HEIGHT	1'
WEIR LENGTH	9 LF
WEIR HEIGHT	1.5'
STORAGE REQUIRED (CY)	98 WET - 98 DRY
STORAGE PROVIDED (CY)	100 WET - 179 DRY

*SEE PLAN VIEW FOR LENGTH, WIDTH, AND DEPTH DIMENSIONS.



Diagram illustrating a temporary seeding method for erosion control. The structure shows a cross-section of a riverbed with a layer of compacted soil and temporary seeding (grass) on top. A 'DD' (Double Ditch) is shown on the left. Dimensions include a 18' minimum height for the seeding layer and a 4.5' minimum width for the seeding area. An arrow indicates the flow direction.

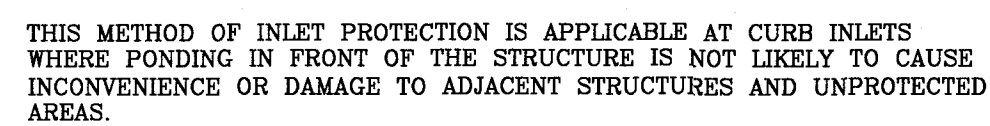
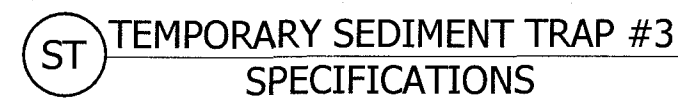


PLATE 3.07-6

DRAINAGE AREA ID	ST-3
TOTAL DRAINAGE AREA SIZE	2.13 AC
BOTTOM/TOP LENGTH	54LF/78LF
BOTTOM/TOP WIDTH	26LF/50LF
DEPTH	4'
BERM HEIGHT	1'
WEIR LENGTH	13 LF
WEIR HEIGHT	1.5'
STORAGE REQUIRED (CY)	143 WET - 143 DRY
STORAGE PROVIDED (CY)	144 WET - 236 DRY

*SEE PLAN VIEW FOR LENGTH,
WIDTH, AND DEPTH DIMENSIONS



STAKES, STAPLES, & PINS
FOR
INSTALLATION OF
TREATMENT - 2
SOIL STABILIZATION MATTING

STAKE

3-1/4"
 18"
 1/2" DIA. WASHER
 1/2" MIN.

STAPLE

11 GAUGE STEEL
 6"x1/8" STAPLE
 1"
 6"

PIN

3/16" DIA. STEEL PIN
 1/2" DIA. WASHER

1) 1x4 TRIANGULAR SURVEY STAKE - MINIMUM 10" IN LENGTH. PLACEMENT OF THE STAKE ACROSS THE FLOW OF THE WATER IS THOUGH TO PROVIDE A "THERMAL EFFECT" TO HELP SLOW THE VELOCITY.

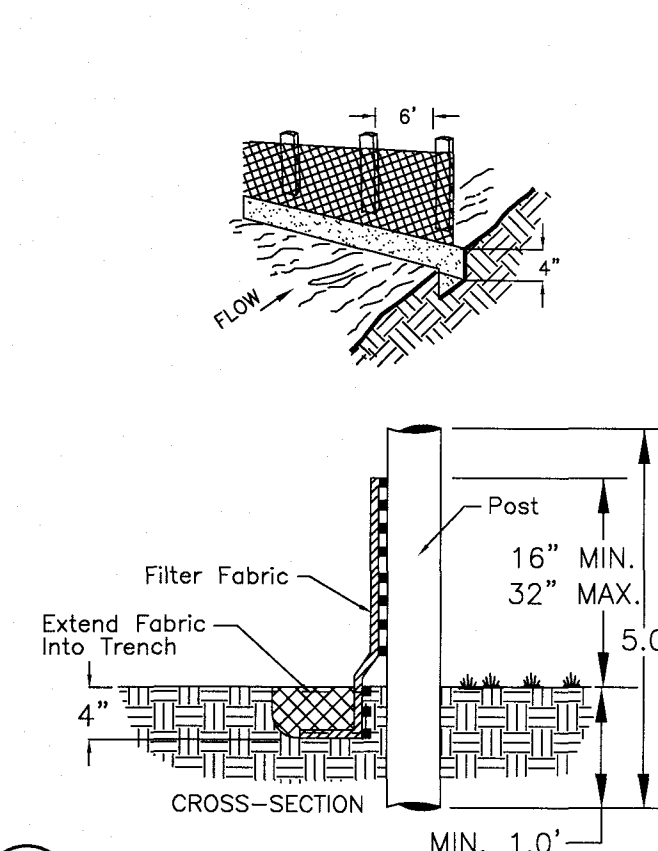
2) 11 GAUGE STEEL - MINIMUM 1" WIDE BY 6" IN LENGTH STEEL STAPLE - 2"x4" SOILS MAY BE REQUIRED IN CERTAIN SOIL CONDITION

3) STEEL PIN - 3/16 DIAMETER STEEL PIN BY 16" IN LENGTH WITH A 2" DIAMETER WASHER ON TOP. (SEE ILLUSTRATION)

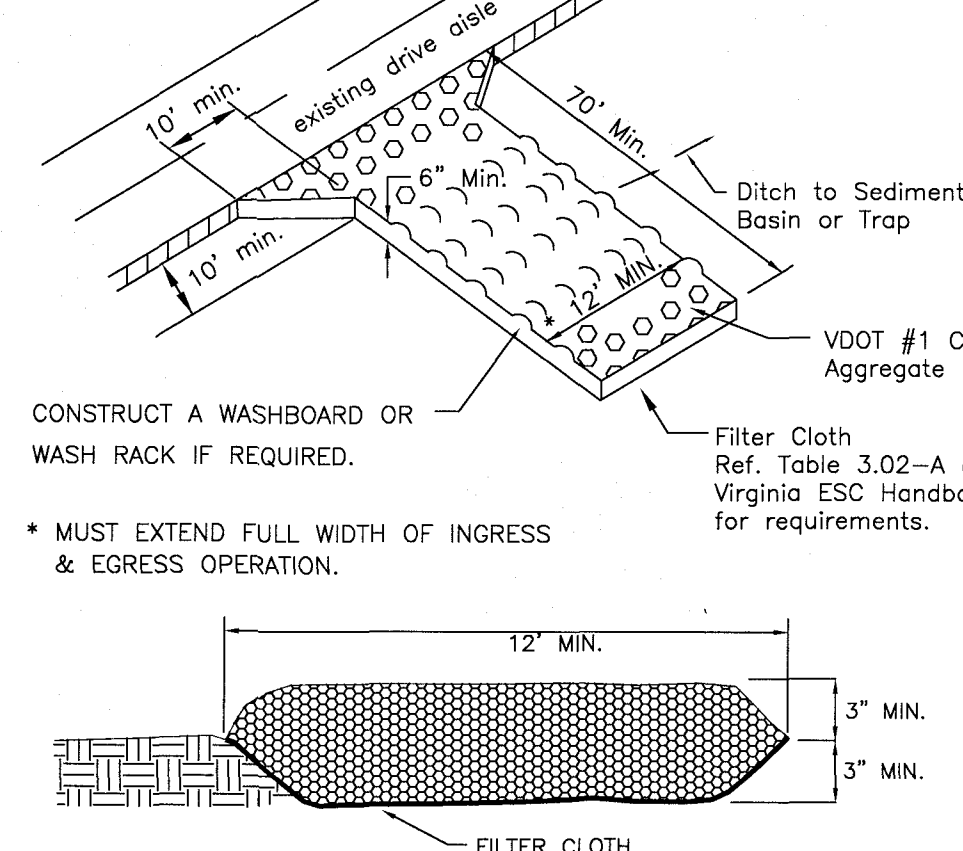
PLATE: 3.36-3

DRAINAGE AREA ID	ST-4
TOTAL DRAINAGE AREA SIZE	2.75 AC
BOTTOM/TOP LENGTH	62LF/86LF
BOTTOM/TOP WIDTH	31LF/55LF
DEPTH	4'
BERM HEIGHT	1'
WEIR LENGTH	17 LF
WEIR HEIGHT	1.5'
STORAGE REQUIRED (CY)	185 WET - 185 DRY
STORAGE PROVIDED (CY)	188 WET - 291 DRY

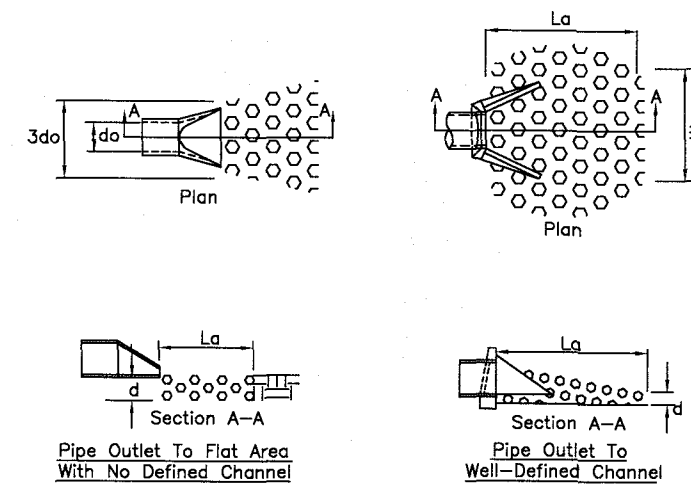
*SEE PLAN VIEW FOR LENGTH,
WIDTH, AND DEPTH DIMENSIONS



SF CONSTRUCTION OF A SILT FENCE



CE **TEMPORARY GRAVEL CONSTRUCTION ENTRANCE**



OUTLET PROTECTION #1 (PIPE #4)
EC-1 CLASS 1 RIP RAP
LENGTH OF APRON=10' (L_a)
WIDTH OF APRON=11.25' (W_a)
MIN. STONE SIZE=6"

OUTLET PROTECTION #2 (PIPE #7)
EC-1 CLASS 1 RIP RAP
LENGTH OF APRON=3.75' (La)
WIDTH OF APRON=3.75' (Wa)
MIN. STONE SIZE=6"

OUTLET PROTECTION #3 (PIPE #8)
EC-1 CLASS 1 RIP RAP
LENGTH OF APRON=3.75' (La)
WIDTH OF APRON=3.75' (Wa)
MIN. STONE SIZE=6"

NOTES

1. Apron lining may be rip-rap, grouted rip-rap, or concrete.
2. L_a is the length of the rip-rap apron as calculated using plates 1.36d and 1.36e.
3. $d = 1.5$ times the maximum stone diameter, but not less than 6".