

FILTER CLUTH-

**ROCK CHECK DAM** 

**GRAVEL CURB INLET SEDIMENT FILTER** 

SETTLEMENT-

3' FREE BOARD-

0.3' FREE BOARD

x settlement,

(DV

0.3' FREE BOARD-

-EARTHEN RIDGE

**TEMPORARY FILL** 

**DIVERSION** 

**DIVERSIONS** 

FILL SLOPE

TYPICAL PARABULIC DIVERSION

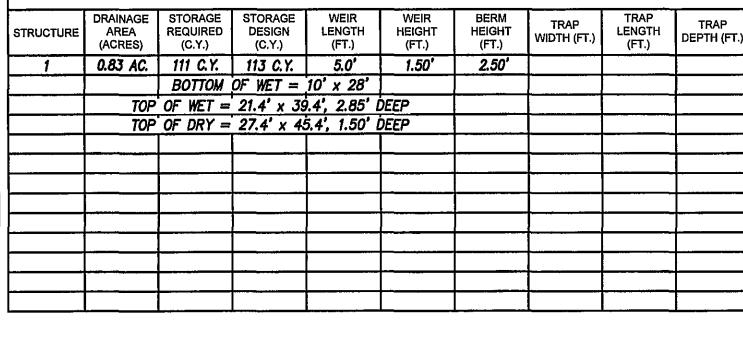
TYPICAL TRAPEZOIDAL DIVERSION

TYPICAL VEE-SHAPED DIVERSION

**DIVERSIONS** 

DESSON FLOW DEPTH

2-10 ACRES OF DRAINAGE AREA



## QUANTITY UNIT COST TOTAL COST DESCRIPTION \$1,000.00 \$2,000.00 CONSTRUCTION ENTRANCE EACH L.F. 270 \$3.00 \$810.00 SILT FENCE EACH 11 \$200.00 \$2,200.00 INLET PROTECTION \$200.00 \$0.00 EACH **CULVERT INLET PROTECTION** L.F. \$2.00 \$482.00 241 **TEMPORARY DIVERSION DIKE** \$1,500.00 EACH \$1,500.00 SEDIMENT TRAF \$0.00 EACH \$150.00 CHECK DAM TEMPORARY & PERMANENT SEEDING, ACRE \$1,500.00 \$435.00 MULCHING, ETC. EACH \$300.00 \$0.00 **OUTLET PROTECTION** \$6,000.00 \$0.00 EACH SEDIMENT BASIN 0 \$150.00 \$3.00 **ROW DIVERSION** L.F. 50 \$7,577.00 SUB-TOTAL \$757.7 10% CONTINGENCY \$8,334.7 OTAL PROJECT COST

**EROSION & SEDIMENT CONTROL COST ESTIMATE** 

ALL COSTS GIVEN ARE COMPLETE IN PLACE

## GENERAL EROSION AND SEDIMENT CONTROL NOTES ALL SOIL EROSION & SEDIMENT CONTROL MEASURES SHALL BE ACCOMPLISHED IN STRICT

EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.

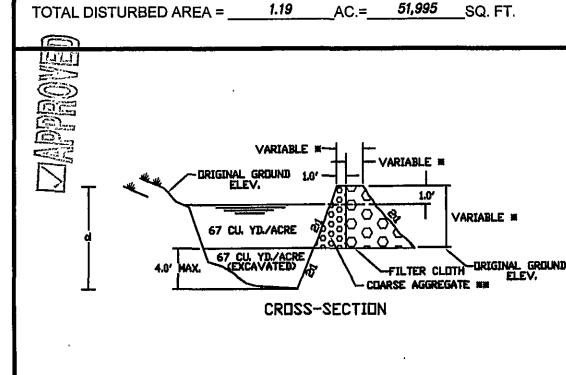
THE APPROVING AUTHORITY MAY ADD TO, DELETE, RELOCATE, CHANGE, OR OTHERWISE MODIFY CERTAIN EROSION AND SEDIMENT CONTROL MEASURES WHERE FIELD CONDITIONS ARE **ENCOUNTERED THAT WARRANT SUCH MODIFICATIONS** 

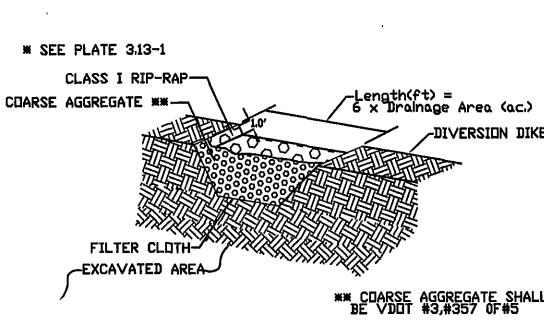
ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE VIRGINIA

- 3. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PLAN SHALL BE
- PLACED IN ADVANCE OF THE WORK BEING PERFORMED, AS FAR AS PRACTICAL. I. IN NO CASE DURING CONSTRUCTION SHALL WATER RUNOFF BE DIVERTED OR ALLOWED TO
- 5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LEAVE THE SITE ADEQUATELY PROTECTED
- AGAINST EROSION, SEDIMENTATION, OR ANY DAMAGE TO ANY ADJACENT PROPERTY AT THE END OF EACH DAY'S WORK. FOR THE EROSION CONTROL KEY SYMBOLS SHOWN ON THE PLANS, REFER TO THE VIRGINIA

UNIFORM CODING SYSTEM FOR EROSION AND SEDIMENT CONTROL PRACTICES CONTAINED IN

- THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION. THESE SYMBOLS AND KEYS ARE TO BE UTILIZED ON ALL EROSION CONTROL PLANS SUBMITTED TO ROANOKE THE LOCATION OF ALL OFF-SITE FILL OR BORROW AREAS ASSOCIATED WITH THE
- CONSTRUCTION PROJECT WILL BE PROVIDED TO ROANOKE COUNTY DEPARTMENT OF COMMUNITY DEVELOPMENT, AN EROSION CONTROL PLAN OR MEASURES MAY BE REQUIRED FOR THIS AREA.
- 8. THIS SHEET MAY NOT BE MODIFIED EXCEPT FOR TABLES





FUR AREAS LESS THAN 3.0 ACRES, FUR AREAS LARGER THAN 3.0 ACRES A SEDIMENT BASIN IS REQUIRED. SEE DETAIL THIS SHEET.

**SEDIMENT TRAP** 

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SHEET OF 12