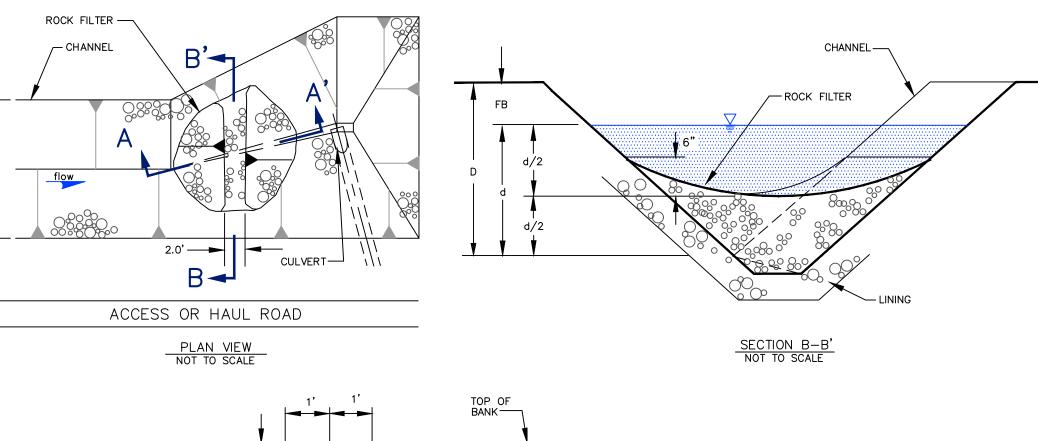
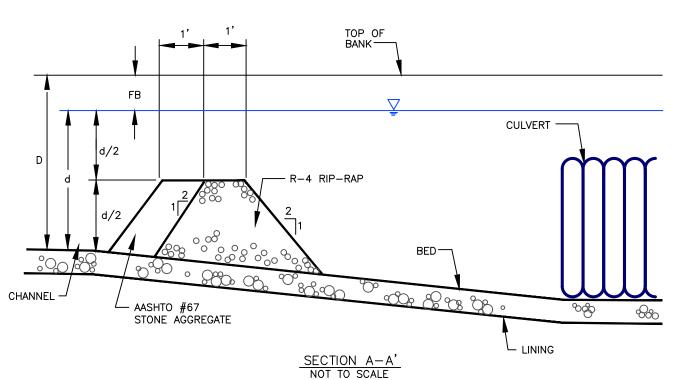


CONSTRUCTION NOTES

- 1. CONSTRUCT FILTER TRAP ON A VEGETATED AREA AND PROVIDE POSITIVE DRAINAGE SO THAT FILTERED WATER RUNS TO THE EXISTING DRAINAGE SYSTEM.
- 2. ARRANGE STRAW BALES AS SHOWN IN PLAN VIEW. PACK TIGHTLY AND STAKE INTO PLACE USING 30 IN. STAKES THROUGH THE CENTER OF EACH BALE. STRING BINDING SHALL NOT TOUCH THE GROUND.
- 3. INSTALL ANOTHER LAYER OF STRAW BALES AS SHOWN IN PLAN AND SECTION VIEWS. STAKE INTO PLACE USING 48 IN. STAKES.
- 4. Install 36 IN. SILT FENCE ALL AROUND THE STRAW BALE STRUCTURE AS SHOWN. SILT FENCE MUST BE TRENCHED IN AT A DEPTH OF 6 IN.
- 5. INSTALL ANOTHER LAYER OF STRAW BALES ON THE OUTSIDE OF THE SILT FENCE AND STAKE TO THE GROUND WITH 30 IN. STAKES.
- 6. REFER TO THE EROSION AND SEDIMENTATION CONTROL PLAN FOR A DISCUSSION OF DEWATERING PROCEDURES.

4 STRAW BALE FILTER TRAP 10D NOT TO SCALE



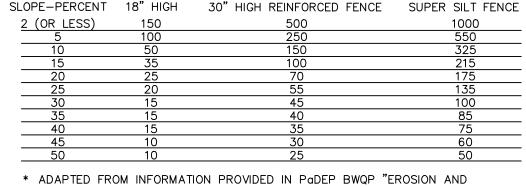




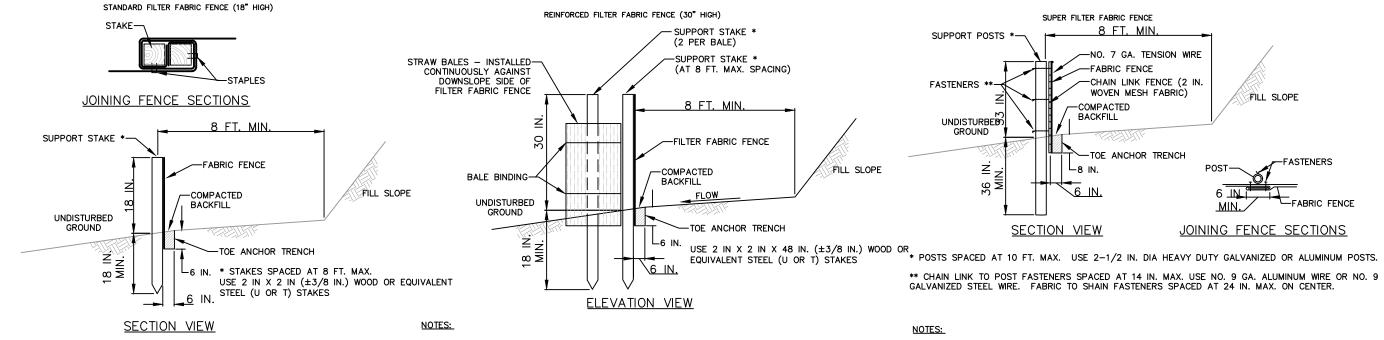
CONSTRUCTION NOTES

- 1. SILT FENCE SHALL BE INSTALLED AS SHOWN AND AS NEEDED TO PROVIDE TEMPORARY EROSION PROTECTION.
- 2. SILT FENCE SHALL BE USED TO PROTECT BERM OUTSLOPES DURING STABILIZATION AND OTHER PROJECT AREAS NOT OTHERWISE DRAINING TO A SEDIMENT CONTROL FACILITY.
- 3. SILT FENCE SHALL NOT BE USED IN AREAS OF CONCENTRATED FLOW. ALL EFFORT SHALL BE MADE TO EVENLY AND UNIFORMLY GRADE UP-SLOPE AREAS TO PROMOTE OVERLAND SHEET FLOW TO THE FENCE LINE.
- 4. FILTER FABRIC SHALL BE FASTENED SECURELY TO FENCE POST WITH METAL STAPLES, OR TIE-WIRE.

MAXIMUM SLOPE LENGTHS FOR FILTER FABRIC FENCES MAXIMUM SLOPE LENGTH (ft) ABOVE FENCES



SEDIMENT CONTROL BEST MANAGEMENT PRACTICE (BMP) MANUAL" * MAXIMUM SLOPE LENGTHS MAY BE EXCEEDED IF SILT FENCE IS USED IN AN AREA FURTHER CONTROLLED DOWNGRADIENT BY A SEDIMENTATION BASIN.



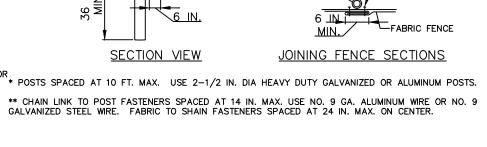
NOTES: FABRIC SHALL HAVE THE MINIMUM PROPERTIES AS SHOWN IN TABLE 4.3 OF THE PA DEP EROSION CONTROL MANUAL. FABRIC WIDTH SHALL BE 30 IN. MINIMUM. STAKES SHALL BE HARDWOOD OR EQUIVALENT STEEL (U OR T) STAKES.

SILT FENCE SHALL BE PLACED AT LEVEL EXISTING GRADE. BOTH ENDS OF THE FENCE SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH HALF THE ABOVE GROUND HEIGHT OF THE FENCE. ANY SECTION OF SILT FENCE WHICH HAS BEEN UNDERMINED OR TOPPED SHALL BE IMMEDIATELY

REPLACED WITH A ROCK FILTER OUTLET (STANDARD CONSTRUCTION DETAIL # 4–6). FENCE SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN TRIBUTARY AREA IS PERMANENTLY STABILIZED.

FABRIC SHALL HAVE THE MINIMUM PROPERTIES AS SHOWN IN TABLE 4.3 OF THE PA DEP EROSION CONTROL MANUAL THIS BMP IS NOT SUITABLE FOR PROJECTS LASTING LONGER THAN 3 MONTHS UNLESS BALES ARE REPLACED QUARTERLY FABRIC WIDTH SHALL BE 42 IN. MINIMUM. STAKES SHALL BE HARDWOOD OR EQUIVALENT STEEL (U OR T) STAKES. SILT FENCE SHALL BE PLACED AT LEVEL EXISTING GRADE. BOTH ENDS OF THE FENCE SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH HALF THE ABOVE GROUND HEIGHT OF ANY SECTION OF SILT FENCE WHICH HAS BEEN UNDERMINED OR TOPPED SHALL BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET (STANDARD CONSTRUCTION DETAIL # 4-6). FENCE SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN TRIBUTARY AREA IS PERMANENTLY STABILIZED

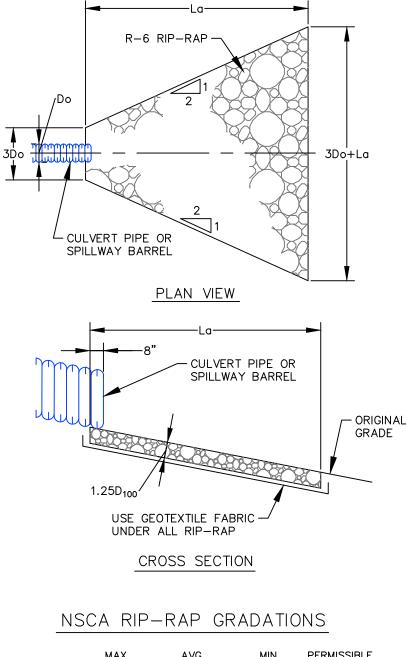




CONTROL MANUAL. FABRIC WIDTH SHALL BE 42 IN. MINIMUM. POSTS SHALL BE INSTALLED USING A POSTHOLE DRILL.

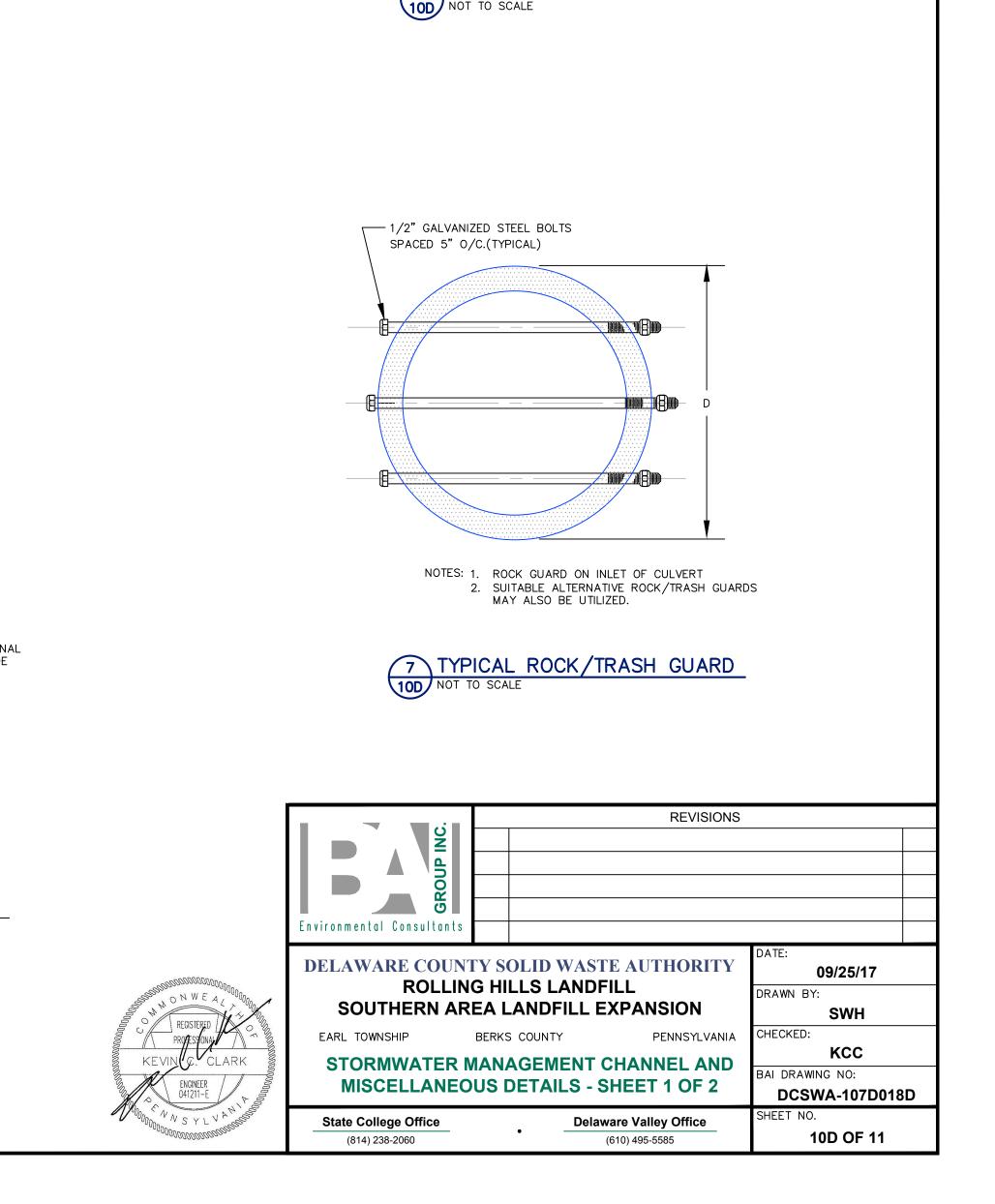
FENCE OR ATTACHED WITH HOG RINGS AT 5 FT MAX. CENTERS. SILT FENCE SHALL BE PLACED AT LEVEL EXISTING GRADE. BOTH ENDS OF THE FENCE SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN FENCE ALIGNMENT. SEDIMENT SHALL BE REMOVED WHEN ACCUMULATIONS REACH HALF THE ABOVE GROUND HEIGHT OF THE FENCE. FENCE SHALL BE REMOVED AND PROPERLY DISPOSED OF WHEN TRIBUTARY AREA IS PERMANENTLY STABILIZED.

5 TYPICAL ROCK FILTER AT CULVERT INLET



NSCA NO.	MAX. D ₁₀₀ (in)	AVG. D ₅₀ (in)	MIN. D _o (in)	PERMISSIBLE VELOCITY (fps)
	_	_	_	
R-3	6	3	2	6.5
R-4	12	6	3	9.0
R-5	18	9	5	11.5
R-6	24	12	7	13.0
NOTE: UNIT WEIGHT OF ROCK SHALL BE APPROXIMATELY 165 pcf. ROCK RIP-RAP SHALL BE WELL-GRADED CRUSHED STONE COMPLYING WITH PennDOT 408, SECTION 850.				

6 TYPICAL PIPE OUTLET 10D NOT TO SCALE



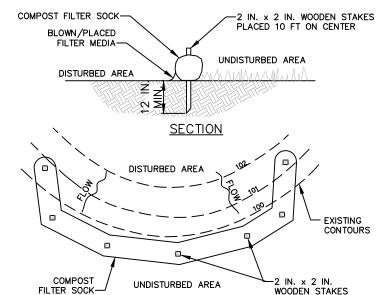
CHAIN LINK SHALL BE GALVANIZED NO. 11.5 GA. STEEL WRE WITH 2-1/4 IN. OPENING, NO. 11 GA. ALUMINUM COATED STEEL WRE IN ACCORDANCE WITH ASTM-A-491, OR GALVANIZED NO. 9 GA. STEEL WIRE TOP AND BOTTOM WITH GALVANIZED NO. 11 GA. STEEL INTERMEDIATE WRES. NO. 7 GAGE TENSION WIRE TO BE INSTALLED HORIZONTALLY THROUGH HOLES AT TOP AND BOTTOM OF CHAIN-LINK

FABRIC SHALL HAVE THE MINIMUM PROPERTIES AS SHOWN IN TABLE 4.3 OF THE PA DEP EROSION

-FASTENERS POST-JOINING FENCE SECTIONS

FILL SLOPE

-NO. 7 GA. TENSION WIRE



<u>PLAN VIEW</u>

SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1 OF THE PA DEP EROSION CONTROL MANUAL. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2 OF THE PA DEP EROSION

ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES 1/2 THE ABOVE GROUND

HEIGHT OF THE BARRIER AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.

COMPOST FILTER SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.

HOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED

UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.

SPECIFIED FOR THE SIZE OF THE SOCK AND THE SLOPE OF ITS TRIBUTARY AREA.

BIODEGRADABLE COMPOST FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS;

3 COMPOST FILTER SOCK

TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.

ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.

COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE BARRIER SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY BARRIER SHALL NOT EXCEED THAT

NOTES

CONTROL MANUAL.

-2 IN. x 2 IN. WOODEN STAKES PLACED 10 FT ON CENTER

PLACED 10 FT ON