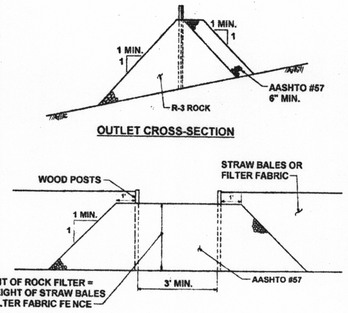
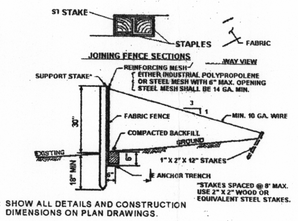
STANDARD CONSTRUCTION DETAIL #18
Rock Filter Outlets



Sediment must be removed when accumulations reach 1/3 the height of the outlet.

STANDARD CONSTRUCTION DETAIL # 20
Reinforced Filter Fabric Fence (30" High)



NOTE: SHOW ALL DETAILS AND CONSTRUCTION DIMENSIONS ON PLAN DRAWINGS.

Filter fabric fence must be installed at existing level grade. Both ends of each fence section must be extended at least 8 feet upslope at 45 degrees to the main fence alignment.

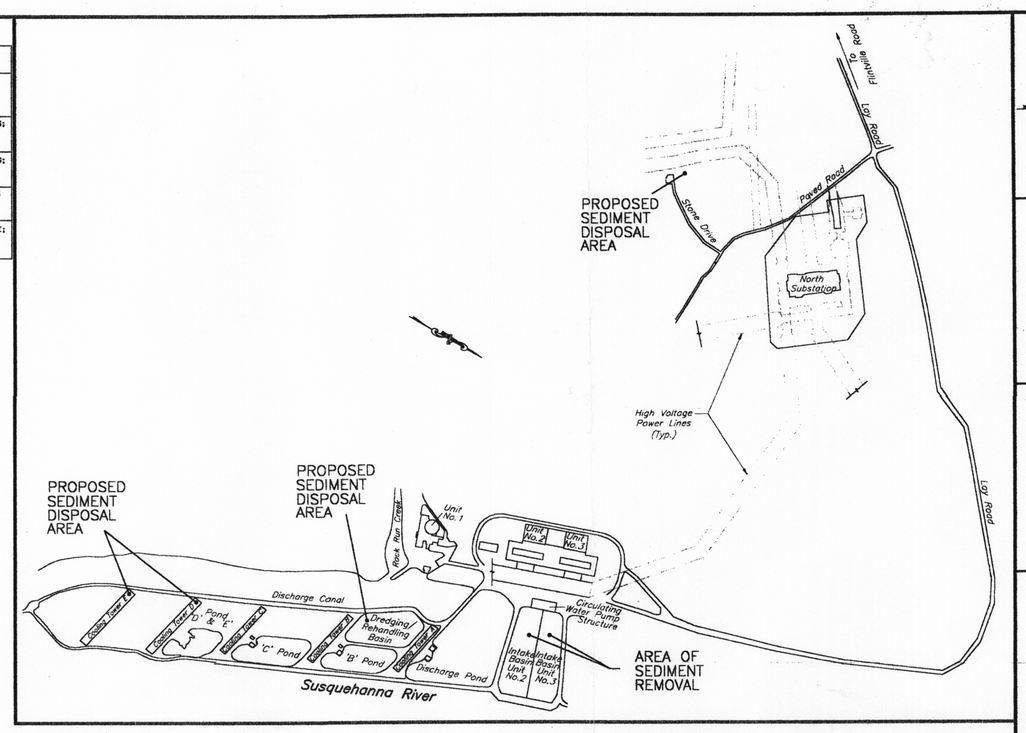
Sediment must be removed where accumulations reach 1/2 the above ground height of the fence

Any fence section which has been undermined or topped must be immediately replaced with a rock filter outlet. See Standard Construction Detail # 18.

SOIL DATA TABLE
(SOILS DATA FROM SOIL SURVEY OF YORK COUNTY)

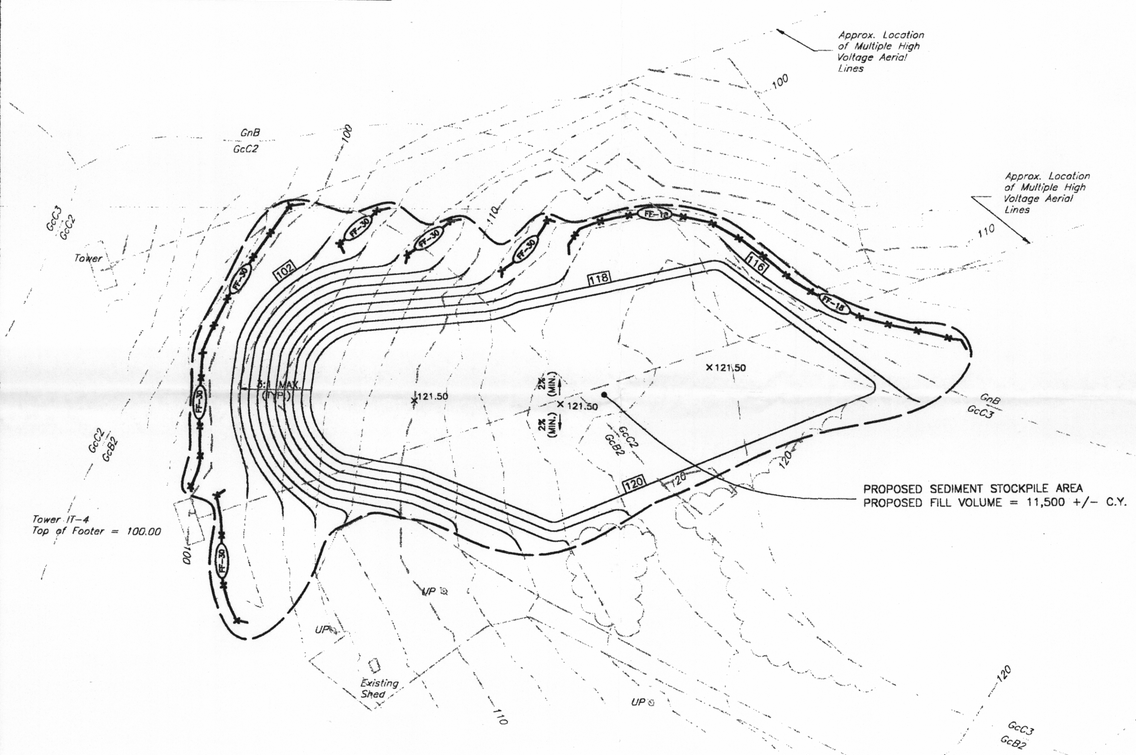
		DEPTH TO				SUITABILITY OF MATERIAL FOR			CHARACTERISTICS THAT AFFECT
SYMBOL	SOIL NAME	SEASONAL HIGH WATER TABLE (FEET)	BEDROCK (FEET)	SUITABILITY FOR WINTER GRADING	RESISTANCE TO FROST ACTION	ROAD SUBGRADE	ROAD FILL	TOP SOIL	VERTICAL ALIGNMENT FOR HIGHWAYS
GcC3	GLENELG CHANNERY SILT LOAM 8 - 15 PERCENT SLOPES SEV. ERODED	>6'	2-4'	GOOD	MODERATLY LOW	POOR	FAIR	GOOD	ERODIBILITY IN CUT SLOPES; SHALLOWNESS TO BEDROCK IN SOME PLACES.
GcC2	GLENELG CHANNERY SILT LOAM 3 - 8 PERCENT SLOPES MOD. ERODED	>6'	2-4'	GOOD	MODERATLY LOW	POOR	FAIR	GOOD	ERODIBILITY IN CUT SLOPES; SHALLOWNESS TO BEDROCK IN SOME PLACES.
GcB2	GLENELG CHANNERY SILT LOAM 0 - 3 PERCENT SLOPES MOD. ERODED	>6'	2-4'	GOOD	MODERATLY LOW	POOR	FAIR	GOOD	ERODIBILITY IN CUT SLOPE; SHALLOWNESS TO BEDROCK IN SOME PLACES.
GnB	GLENVILLE SILT LOAM 3 - 8 PERCENT SLOPES	1.5-2.5'	3-7'	POOR	MODERATLY LOW	POOR	FAIR	GOOD	SEASONAL HIGH WATER TABLE; HARDPAN

NOTE: THERE ARE NO SOILS LIMITATIONS THAT AFFECT THE SCOPE OF THIS PROJECT.



LOCATION MAP/SCALE: 1" = 600'

NORTH ARROW



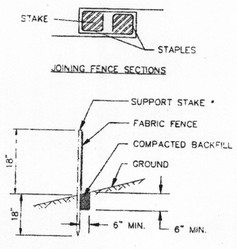
LEGEND

- 110 — EXISTING CONTOURS
- 132 — PROPOSED CONTOURS
- UP — UTILITY POLE
- FF-18 — FILTER FABRIC FENCE 18"
- FF-30 — FILTER FABRIC FENCE 30"
- TREELINE
- LIMIT OF DISTURBANCE
- GcC2 / GcB2 — SOILS LINES

D-2

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
JOHN J. MCMENAMIN
ENGINEER
No. 042588-E
3/26/03

STANDARD CONSTRUCTION DETAIL #19
Standard Filter Fabric Fence (18" High)



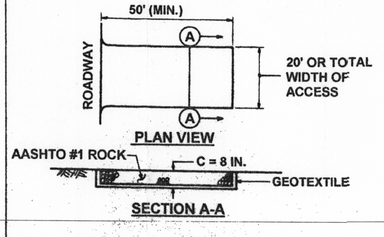
*Stakes spaced @ 8' maximum. Use 2"x 2" wood or equivalent steel stakes.

Filter Fabric Fence must be placed at level existing grade. Both ends of the barrier must be extended at least 8 feet up slope at 45 degrees to the main barrier alignment.

Sediment must be removed when accumulations reach 1/2 the above ground height of the fence.

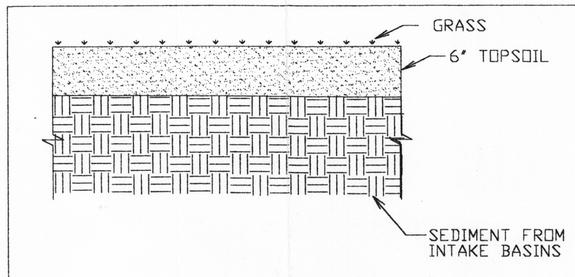
Any section of Filter fabric fence which has been undermined or topped must be immediately replaced with a Rock Filter Outlet. See Standard Construction Detail # 18.

STANDARD CONSTRUCTION DETAIL #16
Rock Construction Entrance



MAINTENANCE: Rock Construction Entrance thickness shall be constantly maintained to the specified dimensions by adding rock. A stockpile shall be maintained on site for this purpose. At the end of each construction day, all sediment deposited on paved roadways shall be removed and returned to the construction site.

50 25 0 50 100 150
GRAPHIC SCALE



D AND E COOLING TOWER
TOPSOIL COVER DETAIL
(NOT TO SCALE)

No.	Date	Description	By
4	3-21-03	COOLING TOWER CAP & FERTILIZER USAGE NOTES	RAK
3	11-19-01	PER REVIEW LETTER COMMENTS	MJW
2	8-10-01	ADDED TO PLAN SET	MJW
1	-	NOT ISSUED	-

Project Number 1332 | CAD File Name SITEPLAN2.DWG | File Number — | Drafter/Engineer JRC/JJM

Township PEACH BOTTOM | County YORK | Date — | Scale 1"=50' | Sheet Number 2 of 2

NORTH SUBSTATION OPTION
EROSION AND SEDIMENT CONTROL PLAN
FOR
UNITS 2 & 3 INTAKE BASIN SEDIMENT REMOVAL
PREPARED FOR
PEACH BOTTOM ATOMIC POWER STATION

ProTract Engineering, Inc.
P.O. Box 608 - Skippack, Pa. 19040 (215)453-9330
3900 E. High St., Ste. 600 - Pottstown, Pa. 19464 (610)323-4735