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Charles C. Townes & Associates

Temporary Sediment Traps

ST-1

Area=	0.8	acres
Required Volume =	107	cy
Size of trap =	12'X24'X6.5'	
Bottom Invert =	68.00	
Wet Volume Elevation =	71.40	
Dry Volume Elevation =	73.50	
Stone Outlet L =	5	ft
Side Slopes =	2:1	

ST-2

Area =	0.8	acres
Required Volume =	107	cy
Size of trap =	12'X24'X6.5'	
Bottom Invert =	74.00	
Wet Volume Elevation =	77.40	
Dry Volume Elevation =	79.50	
Stone Outlet L =	5	ft
Side Slopes =	2:1	

ST-3

Area =	1.33	acres
Required Volume =	178	cy
Size of trap =	24'X24'X5'	
Bottom Invert =	92	
Wet Volume Elevation =	95.00	
Dry Volume Elevation =	96.90	
Stone Outlet L =	8	ft
Side Slopes =	2:1	

ST-4

Area =	1.7	acres
Required Volume =	228	cy
Size of trap =	24'X24'X6'	
Bottom Invert =	62.00	
Wet Volume Elevation =	65.60	
Dry Volume Elevation =	67.70	
Stone Outlet L =	10	ft
Side Slopes =	2:1	

ST-5

Area =	1.06	acres
Required Volume =	142	cy
Size of trap =	24'X24'X7'	
Bottom Invert =	48.00	
Wet Volume Elevation =	52.30	
Dry Volume Elevation =	54.00	
Stone Outlet L =	6	ft
Side Slopes =	2:1	

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COMMONWEALTH OF VIRGINIA
JEFFREY, COLLINS
No. 013001
PROFESSIONAL ENGINEER

CEDAR CREEK WEST
BLAND DISTRICT
PRINCE GEORGE COUNTY, VA
PLAN

REVISIONS

DATE	ITEM
4/15/98	
1/5/99	
5/6/99	
8/31/99	

DATE 6 / 17 / 97
SCALE 1" = 100'
DRAWN BY KTN
CHECKED BY JTC
F.B. #
SHEET # 2 of 10