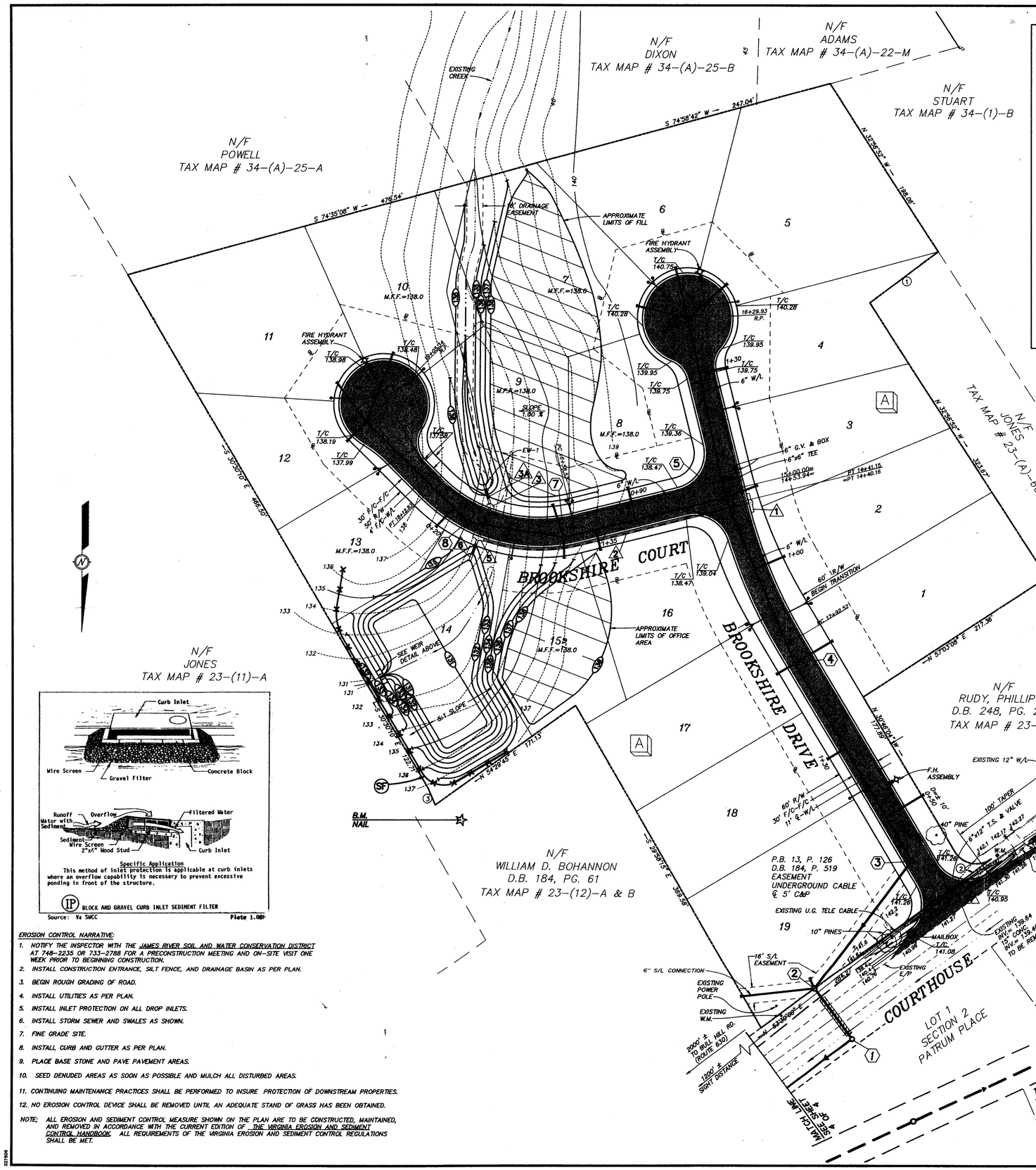
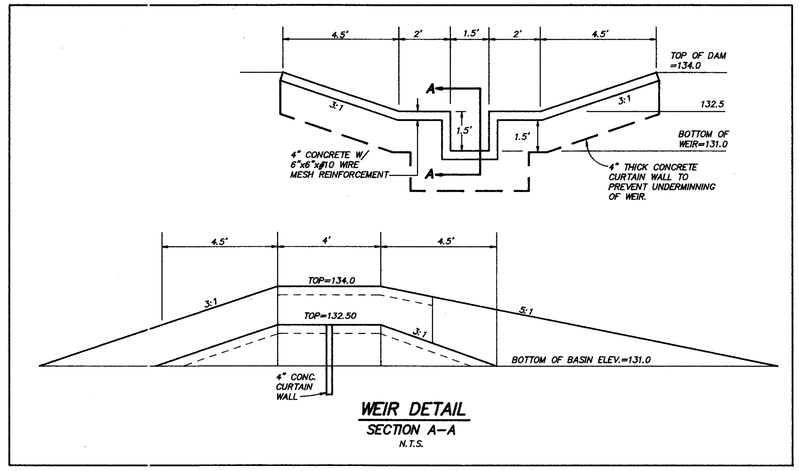
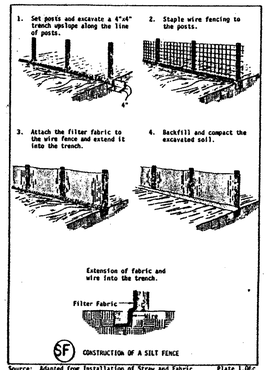


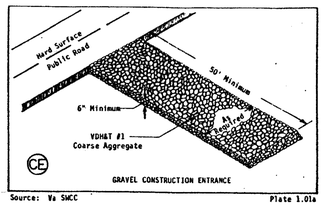


WEIR DETAIL
SECTION A-A
N.T.S.



Source: Adapted from Installation of Straw and Fabric Filter Barriers for Sediment Control, Sherwood and Wyant

Plate 1.06c



Source: Va SWCC

Plate 1.01a

BOUNDARY DATA

	Δ/B	R	L/D	T
1	N 53°30'00" E		84.75'	
2	95°43'57"	25.00'	41.77'	27.64'
3	S 23°03'17" E		18.00'	

CENTERLINE CURVE DATA

	Δ/B	R	L/D	T
1	S 30°46'04" E		292.52'	
2	16°50'03"	505.87'	148.63'	74.86'
3	N 76°04'00" E		158.53'	
4	58°56'16"	150.00'	154.30'	84.76'
5	S 44°59'44" E		92.51'	
6	N 45°00'16" E		25.00'	
7	N 13°56'00" W		188.78'	

SANITARY SEWER SCHEDULE

B - A	S 08° 03'11" E 35.20'
A - 1	S 52° 56' 00" W 199.22'
1 - 2	S 36°44'30" E 62.00'
2 - 3	S 37°03'19" W 160.00'
3 - 4	S 30°46'04" E 227.31'
4 - 5	S 22°58'07" E 177.33'
5 - 6	S 11°52'57" E 161.62'
5 - 7	N 76°15'51" E 165.39'
7 - 8	S 81°13'46" E 95.73'
8 - 9	S 45°36'35" E 141.98'

SEE SHEET 3 OF 3 FOR DETAILED GRADING AT ENTRANCE.

FINAL

STORM SEWER SCHEDULE

1. DI-3C, L=18', TOP=139.06, H=4.17
2. 277 LF OF 18" CL III CONC. PIPE @ 1.04 %, INV. IN=134.89, INV.OUT=132.00
3. DI-3C, L=6', TOP=136.89, H=5.17'
4. 24 LF OF 30" CL III CONC. PIPE @ 1.00 %, INV. IN=132.06, INV. OUT=131.82 W/ EW-1
5. 34 LF OF 30" CL III CONC. PIPE @ 1.00 %, INV. IN=131.72, INV. OUT=131.38
6. DI-3C, L=10', TOP=136.89, H=5.51'
7. 24 LF OF 30" CL III CONC. PIPE @ 1.00 %, INV. IN=131.28, INV. OUT=131.04 W/ EW-1
8. 82 LF OF 15" CL III CONC. PIPE @ 0.30 %, INV. IN=138.55, INV. OUT=138.30

Source: Va SWCC

Plate 1.08

EROSION CONTROL NARRATIVE:

1. NOTIFY THE INSPECTOR WITH THE JAMES RIVER SOIL AND WATER CONSERVATION DISTRICT AT 748-2235 OR 733-2788 FOR A PRECONSTRUCTION MEETING AND ON-SITE VISIT ONE WEEK PRIOR TO BEGINNING CONSTRUCTION.
2. INSTALL CONSTRUCTION ENTRANCE, SILT FENCE, AND DRAINAGE BASIN AS PER PLAN.
3. BEGIN ROUGH GRADING OF ROAD.
4. INSTALL UTILITIES AS PER PLAN.
5. INSTALL INLET PROTECTION ON ALL DROP INLETS.
6. INSTALL STORM SEWER AND SWALES AS SHOWN.
7. FINE GRADE SITE.
8. INSTALL CURB AND GUTTER AS PER PLAN.
9. PLACE BASE STONE AND PAVE PAVEMENT AREAS.
10. SEED DENUDED AREAS AS SOON AS POSSIBLE AND MULCH ALL DISTURBED AREAS.
11. CONTINUING MAINTENANCE PRACTICES SHALL BE PERFORMED TO INSURE PROTECTION OF DOWNSTREAM PROPERTIES.
12. NO EROSION CONTROL DEVICE SHALL BE REMOVED UNTIL AN ADEQUATE STAND OF GRASS HAS BEEN OBTAINED.

NOTE; ALL EROSION AND SEDIMENT CONTROL MEASURE SHOWN ON THE PLAN ARE TO BE CONSTRUCTED, MAINTAINED, AND REMOVED IN ACCORDANCE WITH THE CURRENT EDITION OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK. ALL REQUIREMENTS OF THE VIRGINIA EROSION AND SEDIMENT CONTROL REGULATIONS SHALL BE MET.

711 NORTH COURTHOUSE ROAD
RICHMOND, VIRGINIA 23236
TELEPHONE: (804) 794-3500

8803 STAPLES MILL ROAD
RICHMOND, VIRGINIA 23228
TELEPHONE: (804) 262-7396

4411 CROSSING BOULEVARD
PRINCE GEORGE, VIRGINIA 23875
TELEPHONE: (804) 458-8685

COMMONWEALTH OF VIRGINIA
EDWARD L. GLASS
No. 17564
PROFESSIONAL ENGINEER

PLANNERS * LANDSCAPE ARCHITECTS * SURVEYORS * ARCHITECTS * ENGINEERS

DATE	REVISION DESCRIPTION
4-24-92	COUNTY & VDOT REVISIONS
5-4-92	VDOT & ENGINEERING REVISIONS
5-7-92	ENGINEER'S REVISIONS
6-17-92	ENGINEERING REVISIONS

DATE	4-7-92
DRAWN BY	B.R.G.
DESIGNED BY	D.A.J.
CHECKED BY	E.L.G.
SCALE	1"=50'

BROOKSHIRE
RIVES DISTRICT * PRINCE GEORGE COUNTY, VIRGINIA

SITE PLAN

SHEET NO. 2 OF 4

JOB NO. 14934