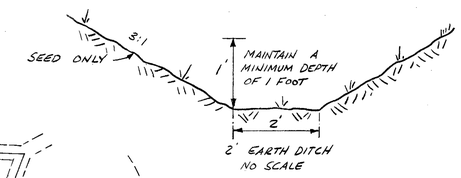
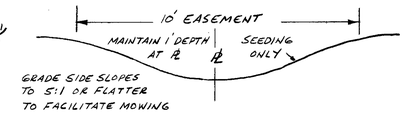
DRAINAGE STRUCTURE SCHEDULE

NO.	COVER HT.	DESCRIPTION	LOCATION	LENGTH	SLOPE	INV. IN	INV. OUT	REMARKS
1	4'	15" CONC. PIPE	15+60 CARRINGTON	53'	2.50 %	78.90	77.58	EC-1, TYPE 'A' REQ'D.
2	3'	15" CONC. PIPE	15+10 CARRINGTON	53'	2.50 %	78.90	77.58	EC-1, TYPE 'A' REQ'D.
3	2'	24" CONC. PIPE	22+77 ROBERT E. LEE	52'	0.79 %	81.16	80.75	12° SKEW LT.
4	8'	24" CONC. PIPE	SEE PLANS	105'	1.00 %	72.15	78.10	1-END SECTION REQ'D. INLET
5	—	MANHOLE	5+33.13 SCARBOROUGH	—	—	78.10	78.00	14 RT., TOP = 83.70
6	4'	24" CONC. PIPE	SEE PLANS	157'	2.05%	78.00	74.78	
7	—	MANHOLE	3+77.13 SCARBOROUGH	—	—	74.78	74.68	14 RT.; TOP = 79.79; INV IN(B) 75.28
8	3'	18" CONC. PIPE	SEE PLANS	8'	5.50 %	75.72	75.28	1-END SECTION REQ'D. INLET
9	3'	24" CONC. PIPE	3+56 SCARBOROUGH	53'	3.58%	74.68	72.78	
10	2'	15" CONC. PIPE	7+44 SCARBOROUGH	53'	0.95%	82.00	81.50	
18	1'	15" CONC. PIPE	20+34 BERKSHIRE	40'	0.75%	83.97	83.67	
19	—	DI-6B	3+31 SCARBOROUGH	—	—	72.78	72.78	TOP = 79.02 ; SLOT = 78.10
20	5'	24" CONC. PIPE	3+31 SCARBOROUGH	24'	1.00%	72.78	72.58	1-END SECTION REQ'D (EC-1)





YARD SWALE
NO SCALE

DITCH DETAILS

— LEGEND —

- YARD SWALE WITH DIRECTIONAL FLOW ARROW
- DIRECTION OF DITCH FLOW
- HIGH POINT IN DITCH GRADE
- JUTE MESH WITH DIRECTIONAL FLOW ARROW
- 2' EARTH DITCH

ROAD ℄ CURVE DATA

NO.	STREET	LENGTH	DELTA	TAN	RADIUS	STA. PT.
1	CARRINGTON DRIVE	295.81	23° 24' 11"	150'	723.17	11+79.50
2	BERKSHIRE DRIVE	291.35	33° 36' 11"	150'	496.78'	19+36.78

NOTE:
COVER HT. TAKEN AT CENTERLINE.
ALL PIPE CULVERTS TO BE CLASS III CONCRETE PIPE UNLESS OTHERWISE NOTED ON PLANS.

L-E
Legat, Elrod & Associates, Inc.
Consulting Engineers/Surveyors
Hopewell, Virginia

Date: 27 JULY 1978
Scale: 1" = 50'
Drawn: DEH
Checked: MLE

Revisions

STRATFORD WOODS
SECTION 5
PRINCE GEORGE COUNTY, VIRGINIA

Proj. No. 7705-22

ROAD AND DRAINAGE PLAN

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