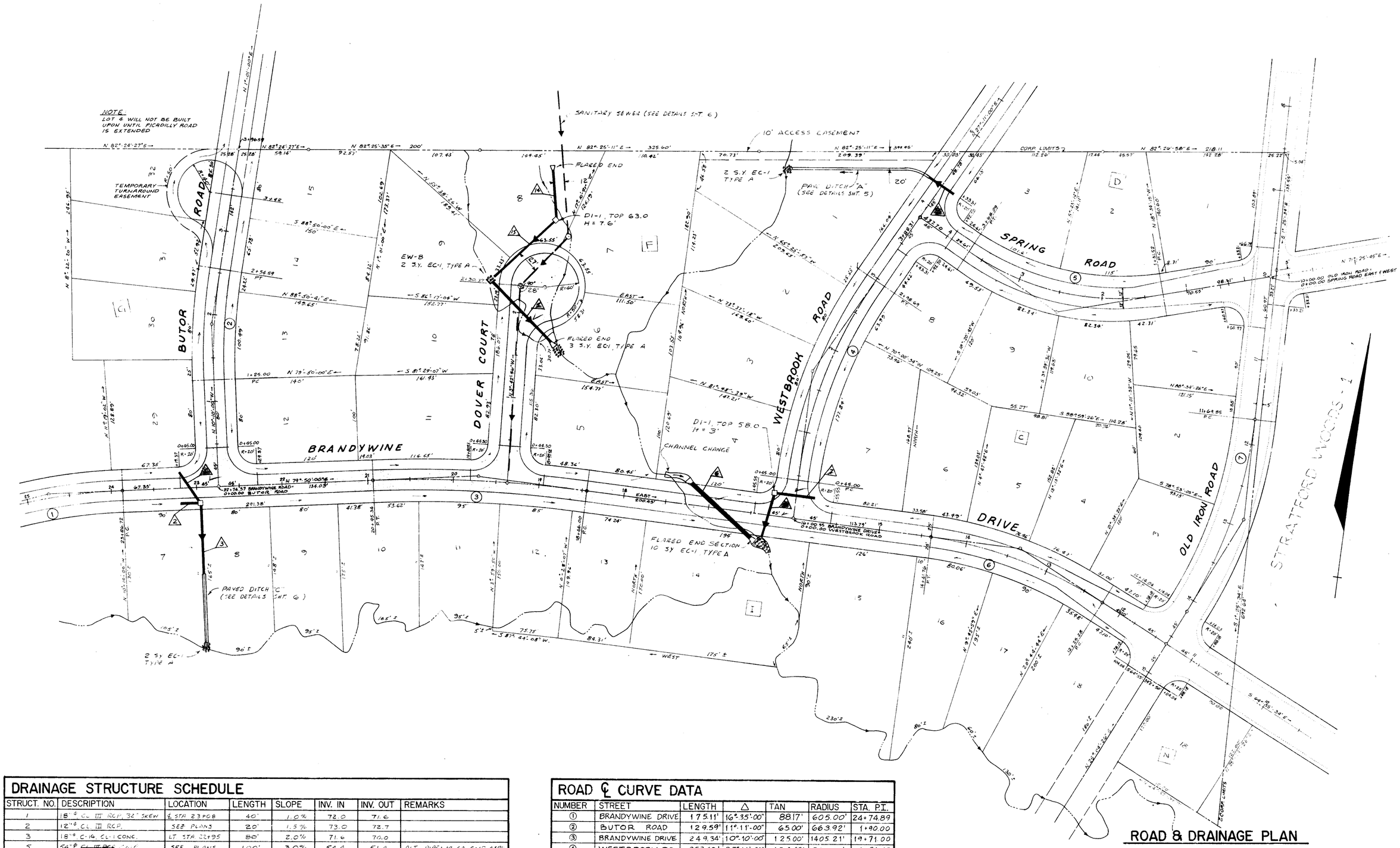

DRAINAGE STRUCTURE SCHEDULE

STRUCT. NO.	DESCRIPTION	LOCATION	LENGTH	SLOPE	INV. IN	INV. OUT	REMARKS
1	18" ϕ CL. III RCP, 32° SKEW	℄ STA. 23+08	40'	1.0%	72.0	71.6	
2	12" ϕ CL. III RCP	SEE PLANS	20'	1.5%	73.0	72.7	
3	18" ϕ C-14, CL. I CONC.	LT. STA. 22+95	80'	2.0%	71.6	70.0	
5	54" ϕ ~~CL. III RCP~~ CMP	SEE PLANS	100'	3.0%	54.4	51.4	ALT. PIPE: 14 GA. CMP ASPH
6	60" ϕ CL. III RCP, 55° SKEW	℄ STA. 16+90	96'	2.1%	49.0	47.0	" " " " " "
7	18" ϕ CL. III RCP	℄ STA. 0+25	40'	3.8%	56.5	54.98	
8	18" ϕ CL. III RCP, 10° SKEW	℄ STA. 16+30	50'	16%	54.98	47.0	
9	24" ϕ CL. III RCP	℄ STA. 4+32	40'	1.0%	71.0	70.6	
14	24" ϕ, C-14, CL. I CONC.	SEE PLANS	64'	1.18%	56.2	55.4	
15	24" ϕ C-14 CL. I CONC.	" "	100'	1.0%	55.4	54.4	

ROAD ℄ CURVE DATA

NUMBER	STREET	LENGTH	Δ	TAN	RADIUS	STA. P.I.
①	BRANDYWINE DRIVE	175.11'	16°-35'-00"	88.17'	605.00'	24+74.89
②	BUTOR ROAD	129.59'	11°-11'-00"	65.00'	663.92'	1+90.00
③	BRANDYWINE DRIVE	249.34'	10°-10'-00"	125.00'	1405.21'	19+71.00
④	WESTBROOK RD.	253.69'	27°-11'-00"	129.02'	534.72'	1+84.02
⑤	SPRING ROAD	236.57'	45°-45'-15"	125.00'	296.25'	2+56.52
⑥	BRANDYWINE ROAD	216.48'	25°-04'-26"	110.00'	494.67'	13+35.28
⑦	OLD IRON ROAD	244.19'	26°-30'-00"	124.32'	527.97'	12+94.17

ROAD & DRAINAGE PLAN

STRATFORD WOODS

SECTION 2
HOPEWELL, VIRGINIA

SCALE: 1"=50'
APRIL 14, 1978
SHEET 2 OF 9

LEGAT, ELROD & ASSOCIATES, INC.
CONSULTING ENGINEERS & SURVEYORS
HOPEWELL, VIRGINIA

FB 161-B, 165 & 166
PN-7705-22