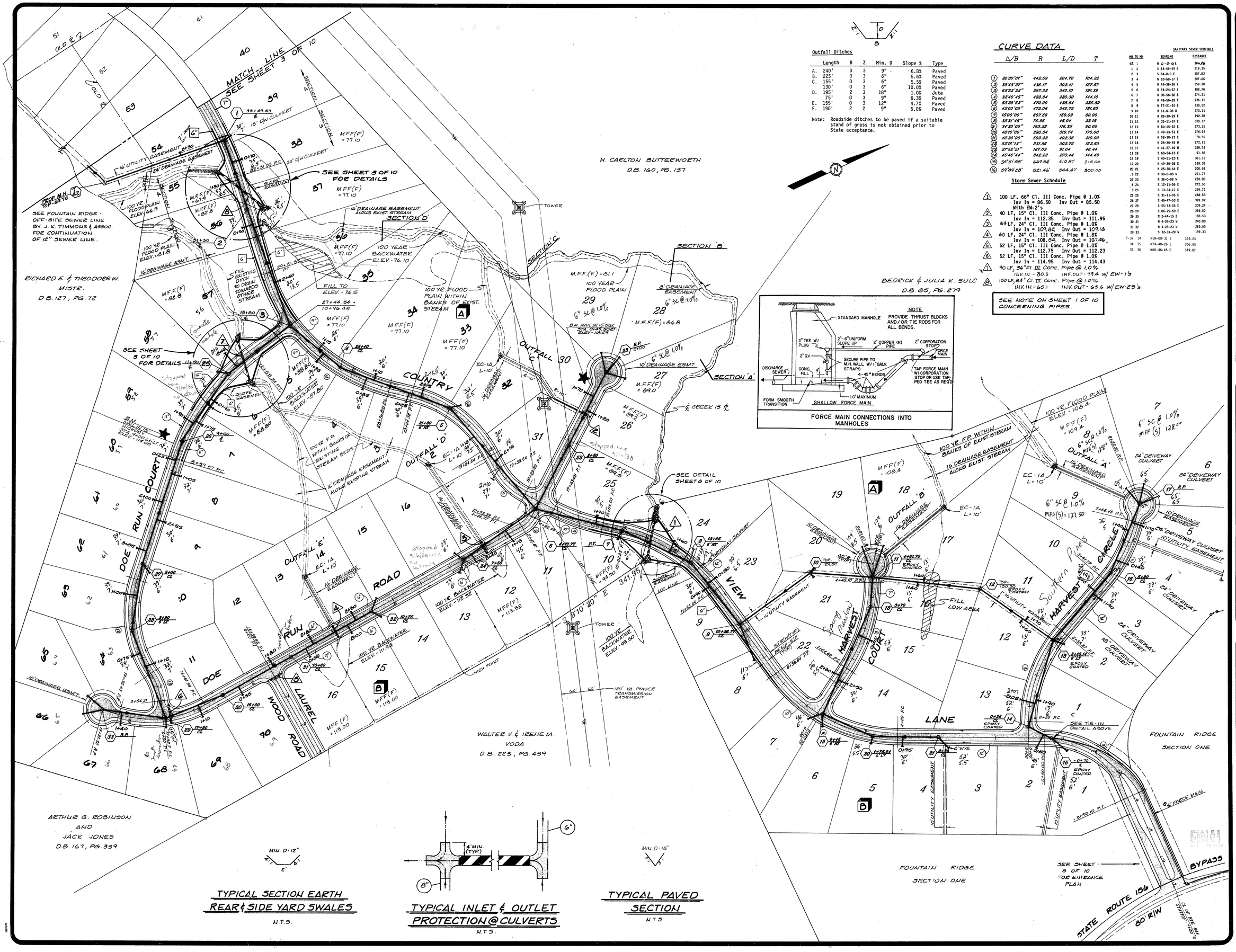

Outfall Ditches

	Length	B	Z	Min. D	Slope %	Type
A.	240'	0	3	9"	6.8%	Paved
B.	225'	0	3	6"	5.6%	Paved
C.	155'	0	3	6"	5.5%	Paved
	130'	0	3	6"	10.0%	Paved
D.	195'	2	3	18"	1.0%	Jute
	75'	0	3	9"	6.3%	Paved
E.	155'	0	3	12"	4.7%	Paved
F.	190'	2	2	9"	5.0%	Paved

Note: Roadside ditches to be paved if a suitable stand of grass is not obtained prior to State acceptance.

CURVE DATA

	Δ/B	R	L/D	T
1	26°30'01"	442.59	204.70	104.22
2	39°43'29"	436.17	302.41	157.57
3	65°53'22"	297.32	340.10	191.59
4	32°46'45"	489.94	280.30	144.10
5	53°29'52"	470.00	438.84	236.89
6	42°00'00"	473.08	346.79	181.60
7	15°00'00"	607.66	158.09	80.00
8	33°31'45"	76.96	45.04	23.18
9	34°30'00"	193.23	116.35	60.00
10	48°10'00"	380.34	319.74	170.00
11	40°30'00"	589.23	402.36	210.00
12	53°16'13"	331.86	308.75	162.83
13	27°53'51"	187.09	91.04	46.44
14	45°46'44"	342.23	273.44	144.49
15	35°51'58"	644.34'	418.51'	216.00
16	59°49'08"	521.46'	544.47'	300.00

Storm Sewer Schedule

1. 100 LF, 66" Cl. III Conc. Pipe @ 1.0%
   Inv In = 86.50 Inv Out = 85.50
   With EW-2's
2. 40 LF, 15" Cl. III Conc. Pipe @ 1.0%
   Inv In = 112.35 Inv Out = 111.95
3. 64 LF, 24" Cl. III Conc. Pipe @ 1.0%
   Inv In = 109.82 Inv Out = 109.18
4. 40 LF, 24" Cl. III Conc. Pipe @ 1.8%
   Inv In = 108.04 Inv Out = 107.26
5. 52 LF, 15" Cl. III Conc. Pipe @ 1.0%
   Inv In = 112.75 Inv Out = 112.23
6. 52 LF, 15" Cl. III Conc. Pipe @ 1.0%
   Inv In = 114.95 Inv Out = 114.43
7. 90 LF, 36" Cl. III Conc. Pipe @ 1.0%
   INV. IN - 80.3 INV. OUT - 79.4 W/ EW-1's
8. 150 LF, 84" Cl. III Conc. Pipe @ 1.0%
   INV. IN - 65.1 INV. OUT - 63.6 W/ EW-23's

SEE NOTE ON SHEET 1 OF 10 CONCERNING PIPES.

SANITARY SEWER SCHEDULE

MH TO MH		BEARING	DISTANCE
EX	1	N 6°-0'-0 E	30±Ft
1	2	S 63-49-49 E	219.35
2	3	S 84-0-0 E	387.82
3	4	N 62-58-17 E	207.06
4	5	N 44-39-36 E	359.28
5	6	N 74-24-52 E	408.70
6	7	N 38-58-58 E	274.21
7	8	N 49-56-29 E	236.11
8	9	N 77-21-16 E	238.52
9	10	N 11-0-08 W	270.31
10	11	N 28-39-29 E	192.78
11	12	N 31-11-57 E	330.17
12	13	N 60-15-52 E	273.15
13	14	S 49-13-51 E	276.92
14	15	N 52-30-23 E	78.55
13	16	N 26-30-45 W	272.12
16	17	N 41-57-49 W	229.76
11	18	S 60-54-15 E	91.58
18	19	S 40-51-23 E	361.12
19	20	N 49-20-06 E	169.38
20	21	N 25-30-44 E	200.64
6	22	N 38-0-08 W	221.77
22	23	N 38-0-08 W	250.00
6	24	S 12-11-06 E	272.50
3	25	S 13-24-11 E	229.71
25	26	S 21-11-05 E	240.53
26	27	S 46-47-53 E	399.92
27	28	S 55-53-05 E	209.24
28	29	S 86-29-59 E	289.50
29	30	N 2-44-15 E	186.53
30	31	N 4-28-23 W	240.00
31	32	N 4-28-23 W	285.00
29	33	S 32-31-20 W	199.33
T-37	34	N58-08-31 E	359.05
34	35	N74-48-26 E	306.65
35	36	N66-46-45 E	349.87

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FOUNTAIN RIDGE
SECTION 3
BLAND DISTRICT PRINCE GEORGE COUNTY, VA
PLAN

△ NOV. 13, 1987
△ JAN. 14, 1988

REVISIONS

COMMONWEALTH OF VIRGINIA
WALTER M. ALTMAN III
LICENSE NO 11039
PROFESSIONAL ENGINEER

STAMP	
SCALE	1" = 100'
DRAWN BY	A.D.H./G.F.C.
DATE DRAWN	SEP. 18, 87
DESIGNED	E.L.G.
CHECKED	W.M.A. III
SHEET NUMBER	2 OF 10
JOB NUMBER	8610-44