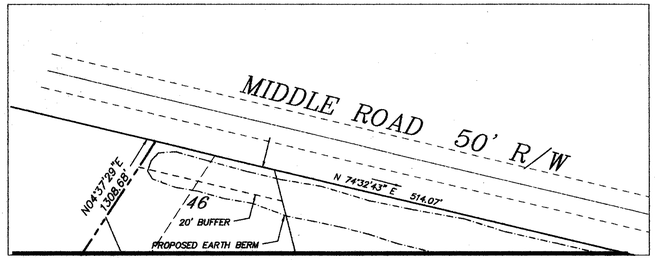

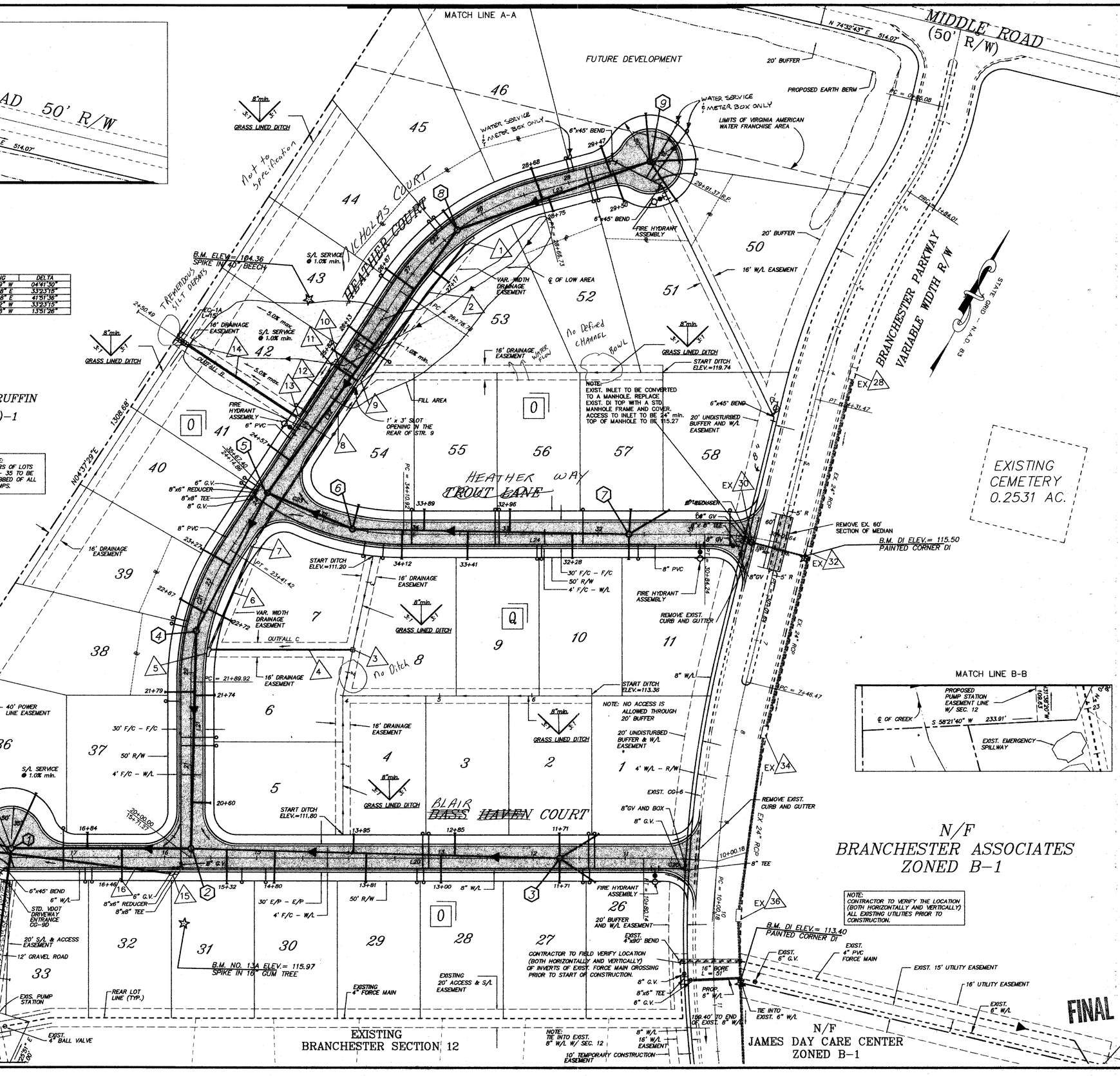

CENTERLINE DATA

LINE	DIRECTION	DISTANCE
L20	S 81°14'15" W	686.19'
L21	N 28°45'45" W	189.92'
L22	N 04°37'29" E	335.36'
L23	N 46°29'06" E	124.64'
L24	N 81°14'15" E	329.24'

CURVE DATA

CURVE	RADIUS	LENGTH	TANGENT	CHORD	BEARING	DELTA
C20	976.45'	79.98'	40.00'	79.93'	S 63°34'59" W	04°41'30"
C21	260.00'	151.51'	77.97'	149.37'	S 12°04'06" E	33°23'15"
C22	260.00'	189.98'	99.44'	185.76'	N 28°33'18" E	41°51'36"
C23	288.51'	156.47'	80.52'	154.26'	S 77°55'32" W	33°23'15"
C24	341.51'	82.60'	41.50'	82.39'	S 68°09'58" W	13°51'26"

SANITARY SEWER SCHEDULE

MH-MH	DIRECTION	DISTANCE
(18)-(1)	N 21°18'16" W	177.89'
(1)-(2)	N 61°14'15" E	195.06'
(2)-(3)	N 82°40'12" E	400.00'
(2)-(4)	N 27°21'25" W	235.38'
(4)-(5)	N 01°16'51" W	188.00'
(4)-(6)	N 84°05'35" E	100.00'
(6)-(7)	N 62°16'57" E	300.00'
(6)-(8)	N 07°12'02" E	351.52'
(8)-(9)	N 41°41'06" E	221.91'

N/F
CORNELIUS RUFFIN
T.M. 13(A)-1

NOTE: REARS OF LOTS 46 - 35 TO BE GRUBBED OF ALL STUMPS.

STORM SEWER SCHEDULE

1. DI-3B, L=12', TOP=108.36, H=3.97
2. 190.57 LF OF 15" CL III CONC. PIPE @ 3.81% INV IN=104.39, INV OUT=97.13
3. DI-7,TOP=108.00, H=2.45
4. 156.21 LF OF 15" CL III CONC. PIPE @ 1.26% INV IN=105.55, INV OUT=103.58
5. DI-3B, L=8', TOP=107.75, H=4.27
6. 126.54 LF OF 18" CL III CONC. PIPE @ 1.86% INV IN=103.48, INV OUT=101.13
7. DI-3C, L=10', TOP=105.42, H=4.27
8. 207.39 LF OF 18" CL III CONC. PIPE @ 1.88% INV IN=100.93, INV OUT=97.13
9. DI-3C, L=14', TOP=101.80, H=4.77
10. 34.00 LF OF 24" CL III CONC. PIPE @ 1.18% INV IN=97.03, INV OUT=96.63
11. DI-3C, L=12', TOP=101.80, H=5.27
12. 69.00 LF OF 24" CL III CONC. PIPE @ 0.91% INV IN=96.53, INV OUT=95.90
13. DI-3B, L=10', TOP=102.83, H=7.03
14. 142.00 LF OF 30" CL III CONC. PIPE @ 0.52% INV IN=95.80, INV OUT=94.40
15. DI-3B, L=8', TOP=110.36, H=3.92
16. 209.95 LF OF 15" CL III CONC. PIPE @ 4.58% INV IN=106.44, INV OUT=96.83
17. DI-3C, L=10', TOP=101.25, H=4.52
18. 231.91 LF OF 15" CL III CONC. PIPE @ 10.56% INV IN=96.73, INV OUT=72.25

NOTE: IS-1 INLET SHAPING FOR INLETS 9 & 11

6" OF #57 STONE

GRAVEL ROAD DETAIL

THIS DRAWING PREPARED AT THE PRINCE GEORGE OFFICE

COMMONWEALTH OF VIRGINIA
DERRICK A. JOHNSON
No. 24781
3-19-96
PROFESSIONAL ENGINEER

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ENGINEERS * ARCHITECTS * SURVEYORS * LANDSCAPE ARCHITECTS * ENVIRONMENTAL SCIENTISTS * GEOGRAPHIC INFORMATION SYSTEMS CONSULTANTS * CONSTRUCTION MANAGERS

DATE	REVISION DESCRIPTION
12-27-95	COUNTY REVISIONS
3-15-96	COUNTY REVISIONS

TIMMONS Founded 1953

BRANCHESTER LAKES - SECTION 13

BLAND DISTRICT * PRINCE GEORGE COUNTY, VIRGINIA

PLAN SHEET

DATE	8-21-95
DRAWN BY	J.E.A
DESIGNED BY	S.T.P
CHECKED BY	D.A.J
SCALE	1"=50'
JOB NO.	3 OF 6
SHEET NO.	16391-05