

SETEC

SOIL AND ENVIRONMENTAL TECHNOLOGY, INC
111 N. Franklin Street Christiansburg, Va. 24073
Phone-540-381-0309

General Information

Date: 4/10/02

Applicant: Steve Cook

Address: 5312 Groometown Rd., Greensboro, NC 27404

Owner:

Address:

Location:

Subdivision: The Old Dan Tate Place

Phase: 1

Lot #: 6

Health Department
Telephone No: 336-210-2999

1434 11-6

Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No Describe: Sideslope
2. Slope 44 %
3. Depth to rock/impervious strata: Max. Min. None ☒
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes inches
5. Free water present No ☒ Yes range in inches
6. Soil percolation rate estimated Yes ☒ No Texture group 2 Estimated rate 30 Min/inch
7. Percolation test performed Yes Number of percolation test holes
No ☒ Depth of percolation test holes
Average percolation rate

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans

Soil Scientist

Signature:

Bill Evans

Department Use

Site Approved:

depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
- 2 Insufficient depth of suitable soil over hard rock.
- 3 Insufficient depth of suitable soil over water table.
- 4 Rates of absorption too slow.
- 5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
- 6 Proposed system too close to well
- 7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 4/10/02

Health Department
Identification No.

x See application sketch See construction permit

Subdivision: The Old Dan Tate Place Phase: 1 Lot #: 6

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-10	Dark Yellowish Brown (10YR 4/4) loam	2
	Bt	10-27	Yellowish Red (5YR 5/6) loam; moderate medium subangular blocky structure	2
	BC	27-55	Yellowish Red (5YR 5/6) sandy clay loam; common Very Pale Brown (10YR 7/4) & Olive Yellow (2.5Y 6/6) weathered rock fragments	2
	C	55-62	Light Olive Brown (2.5Y 5/6) sandy loam	2
2	Ap	0-10	Dark Yellowish Brown (10YR 4/4) sandy loam	2
	Bt	10-26	Yellowish Red (5YR 5/6) loam; moderate medium subangular blocky structure	2
	BC	26-36	Strong Brown (7.5YR 5/6) sandy loam	2
	C	36-55	Pale Olive (5Y 6/4) sandy loam	2
3	Ap	0-6	Dark Yellowish Brown (10YR 4/4) sandy loam	2
	Bt	6-30	Yellowish Red (5YR 5/6) loam; moderate medium subangular blocky structure	2
	BC	30-45	Strong Brown (7.5YR 5/6) sandy loam	2
	C	45-64	Pale Olive (5Y 6/4) sandy loam	2

DRAINFIELD RECOMMENDATIONS

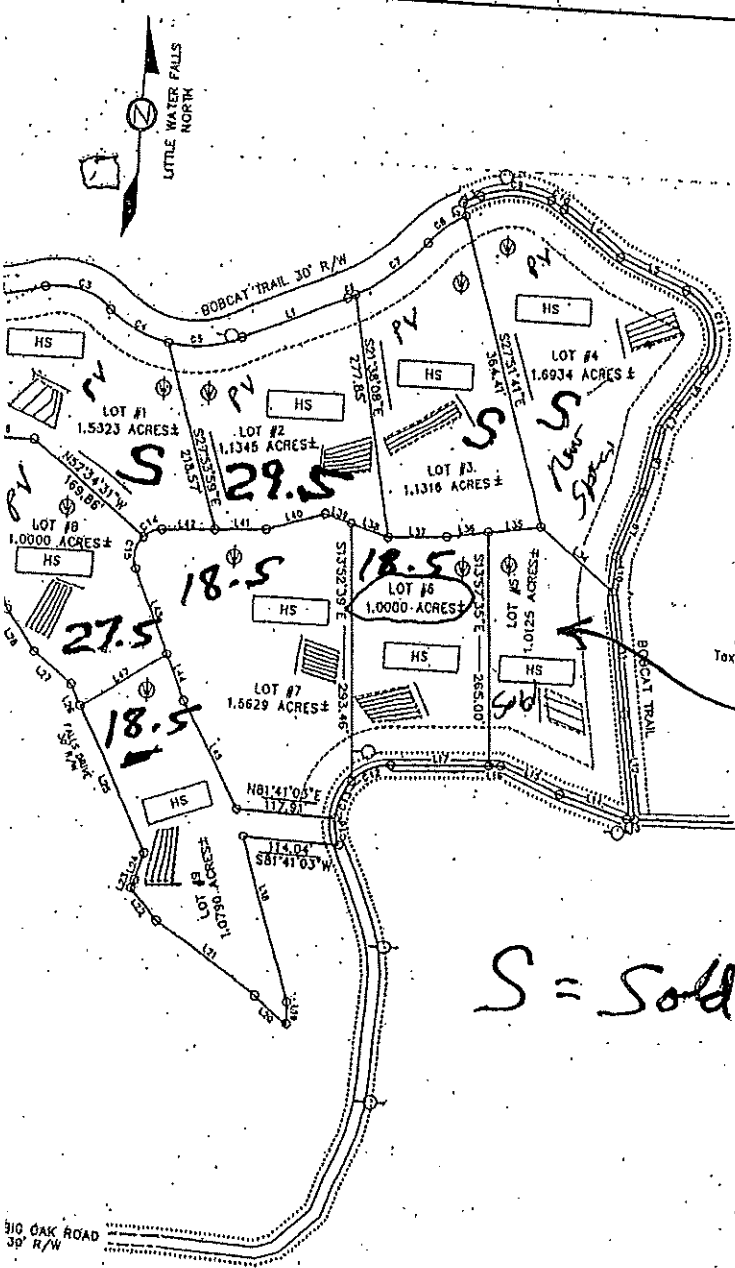
Type of system:	Gravity	# Lines reserve:	NA
# Lines installed:	3	Length reserve:	NA
Line Length:	60'	Installation depth:	36"
Trench width	3'	# BR:	2
Centers:	12'		

DESIGN BASIS & AREA CALCULATIONS

EPR	30	Number of trenches:	3
Type of system:	Gravity	Centers:	12'
Trench bottom square ft required per bedroom:	270	Width required:	27'
#BR	2	Width of available area:	27'
Length of trench:	60'	Total square ft. required:	540
Length of available area:	60'	Square footage in design:	540
Width of trench:	3'	Reserve area required:	No

282 K

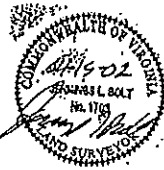
282 K



VICINITY MAP
SCALE 1" = 2000'

GEORGE S. COOK
AND
BOB L. MIDDLETON
D.B., S75 Page 322
Tax Map No. 129E-(8)-A

143 A-11-5
SPEC HOUSE
169.5



RECREATIONAL SUBDIVISION
PHASE #1
THE OLD DAN TATE PLACE
FANCY GAP MAGISTERIAL DISTRICT
CARROLL COUNTY, VIRGINIA

SCALE 1" = 100'
APRIL 15, 2002
JENNINGS L. BOLT LS
FLOYD, VIRGINIA 24001

PART OF TAX MAP NO. 129E-(8)-A

JOB #1658

SHEET 1 OF 2
SEE SHEET #2 FOR ADDITIONAL INFORMATION

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SETEC

SOIL AND ENVIRONMENTAL TECHNOLOGY, INC
 111 N. Franklin Street Christiansburg, Va. 24073
 Phone-540-381-0309

General Information

Date: 4/10/02
 Applicant: Steve Cook
 Address: 5312 Groometown Rd., Greensboro, NC 27404
 Owner: Address:
 Location:
 Subdivision: The Old Dan Tate Place Phase: 1 Lot #: 7
 Health Department
 Telephone No: 336-210-2999
 143A 117

Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No Describe: Sideslope
2. Slope 38 %
3. Depth to rock\impervious strata: Max. Min. None ☒
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes inches
5. Free water present No ☒ Yes range in inches
6. Soil percolation rate estimated Yes ☒ Texture group 2
 No Estimated rate 30 Min/inch
7. Percolation test performed Yes Number of percolation test holes
 No ☒ Depth of percolation test holes
 Average percolation rate

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans Soil Scientist

Signature: *Bill Evans*

Department Use

Site Approved: depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
- 2 Insufficient depth of suitable soil over hard rock.
- 3 Insufficient depth of suitable soil over water table.
- 4 Rates of absorption too slow.
- 5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
- 6 Proposed system too close to well
- 7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 4/10/02

Health Department
Identification No.

x See application sketch See construction permit

Subdivision: The Old Dan Tate Place Phase: 1 Lot #: 7

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-4	Brown (10YR 5/3) sandy loam	2
	AB	4-12	Yellowish Brown (10YR 5/6) sandy loam	2
	Bw	12-36	Yellowish Brown (10YR 5/8) sandy loam	2
	C1	36-54	Yellowish Brown (10YR 5/6) gravelly sandy loam; 20% coarse fragments	2
	C2	54-80	Strong Brown (7.5YR 5/6) sandy loam	2
2	Ap	0-8	Brown (10YR 4/3) sandy loam	2
	Bt	8-30	Yellowish Red (5YR 5/6) loam; moderate medium subangular blocky structure	2
	C	30-55	Yellowish Brown (10YR 5/6) sandy loam	2
3	Ap	0-10	Dark Yellowish Brown (10YR 4/4) loam	2
	Bt	10-27	Yellowish Red (5YR 5/6) loam; moderate medium subangular blocky structure	2
	BC	27-55	Yellowish Red (5YR 5/6) sandy loam; common Very Pale Brown (10YR 7/4) & Olive Yellow (2.5Y 6/6) weathered rock fragments	2
	C	55-62	Light Olive Brown (2.5Y 5/6) sandy loam	2

DRAINFIELD RECOMMENDATIONS

Type of system:	Enhanced Flow		
# Lines installed:	4	# Lines reserve:	NA
Line Length:	45'	Length reserve:	NA
Trench width	3'	Installation depth:	36"
Centers:	11'	# BR:	2

DESIGN BASIS & AREA CALCULATIONS

EPR	30	Number of trenches:	4
Type of system:	Enhanced Flow	Centers:	11'
Trench bottom square ft required per bedroom:	270	Width required:	36'
#BR	2	Width of available area:	36'
Length of trench:	45'	Total square ft. required:	540
Length of available area:	45'	Square footage in design:	540
Width of trench:	3'	Reserve area required:	No



Health Department

Telephone No:

Address:

Owner:

Address:

Location:

Subdivision: The Old Dan Tate Place

Lot: 10

Describe: Sideslope

- | | | | | | | |
|----|---|------|---|------|---------------------------------------|---|
| 1. | Position in landscape satisfactory | Yes | x | No | Describe: Sideslope | |
| 2. | Slope 28 % | | | | | |
| 3. | Depth to rock\impervious strata: | Max. | | Min. | None | x |
| 4. | Depth to seasonal water table (gray mottling or gray color) | | | No | x | Yes inches |
| 5. | Free water present | No | x | Yes | | range in inches |
| 6. | Soil percolation rate estimated | Yes | x | No | Texture group II
Estimated rate 30 | Min/inch |
| 7. | Percolation test performed | Yes | | No | x | Number of percolation test holes
Depth of percolation test holes
Average percolation rate |

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans

Soil Scientist

Signature:

Department Use

Site Approved:

depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
2 Insufficient depth of suitable soil over hard rock.
3 Insufficient depth of suitable soil over water table.
4 Rates of absorption too slow.
5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
6 Proposed system too close to well
7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 5/18/05

Health Department
Identification No.

x See application sketch

See construction permit

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 10

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-8	Brown (7.5YR 4/4) sandy loam	2
	BA	8-20	Brown (7.5YR 5/4) sandy loam	2
	Bt	20-33	Yellowish Red (5YR 5/6) sandy loam	2
	BC	33-52	Reddish Yellow (5YR 6/8) sandy loam	2
	C	52-72	Olive Yellow (2.5Y 6/8) sandy loam w/ many mica flakes	2
2	Ap	0-8	Brown (7.5YR 4/4) sandy loam	2
	Bt	8-25	Strong Brown (7.5YR 5/8) sandy loam	2
	BC	25-35	Reddish Yellow (5YR 6/8) sandy loam	2
	C	35-72	Olive Yellow (2.5Y 6/8) sandy loam w/ many mica flakes	2
3	Ap	0-4	Brown (7.5YR 4/4) sandy loam	2
	Bw	4-20	Yellowish Brown (10YR 5/8) sandy loam	2
	C	20-72	Brownish Yellow (10YR 6/8) sandy loam	2

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 10

**DRAINFIELD RECOMMENDATIONS
DESIGN BASIS & AREA CALCULATIONS**

Type of system (Main DF)	Gravity		
EPR	30	Reserve Area Required	No
Slope %	28	Type of Reserve	N/A
# Bedrooms	2	Width of Trench (ft.) (Reserve DF)	N/A
Width of Trench (ft.)	3	Total Square Ft. of Trench Bottom Required (Reserve DF)	N/A
Total Square Ft. of Trench Bottom Required (Main DF)	540	Total Square Ft. of Trench Bottom in Design (Reserve DF)	N/A
Total Square Ft. of Trench Bottom in Design (Main DF)	540	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom Required per BR	270	Line Length (ft.) (Reserve DF)	N/A
Total Square Ft. of Trench Bottom per BR in Design	270	Centers (ft.) (Reserve DF)	N/A
# Lines Installed	4	Width Required (ft.) (Reserve DF)	N/A
Length of Line Installed (ft.)	45	Installation Depth (inches) (Reserve DF)	N/A
Centers (ft.)	11		
Width Required (ft.) (Main DF)	36	Length of Available Area (ft.) (Main DF)	45
Installation Depth (inches) (Main DF)	48	Width of Available Area (ft.) (Main DF)	36
		Total Sq. Ft. of Trench Bottom in Available Area (Main DF)	540

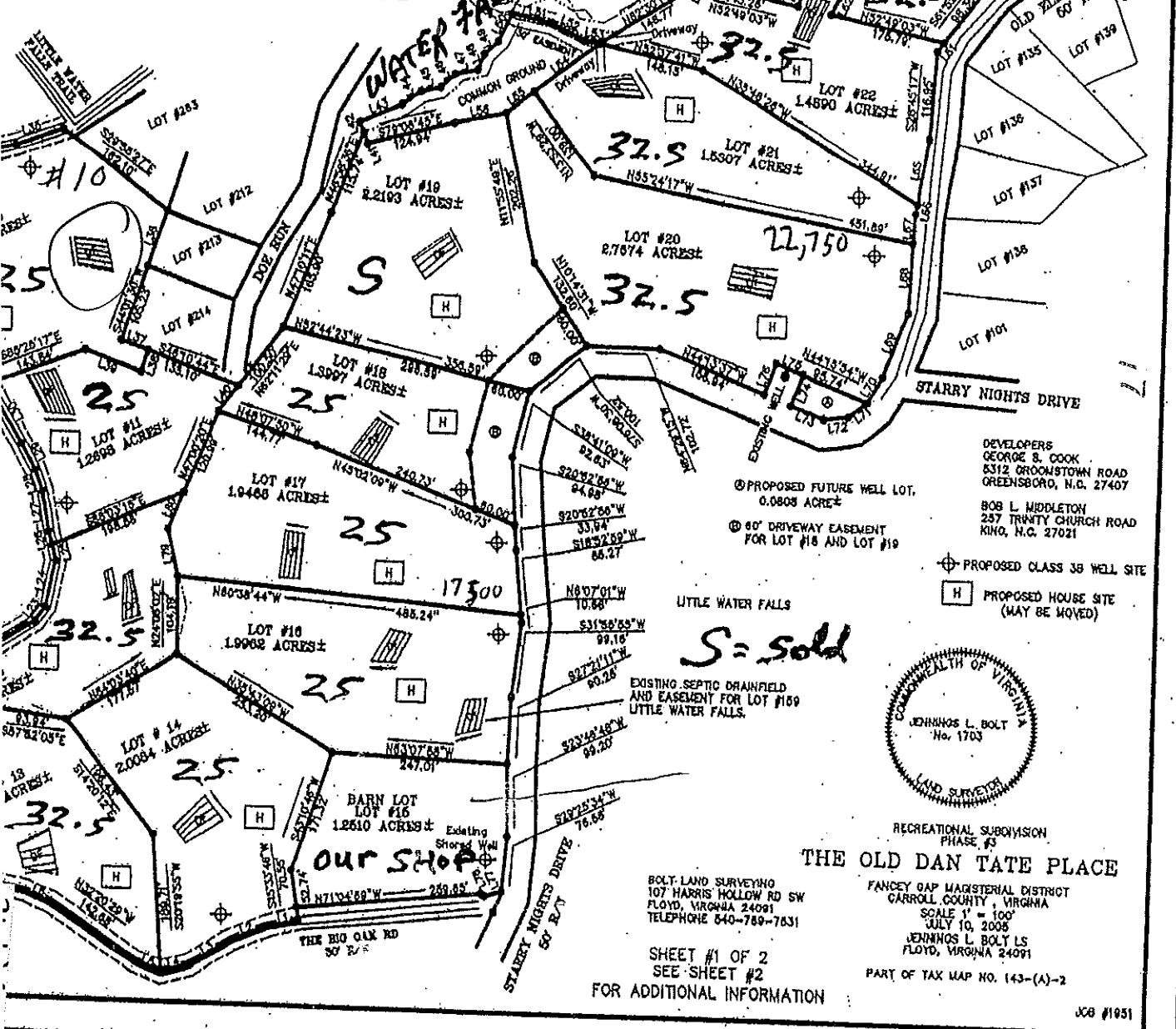
Note: Divert surface water away from drainfield area.

WITNESSES: In the Clerk's Office of the Circuit Court of Carroll County, Virginia, at _____, this Map received in office, and admitted to record, CAROLYN H. HONEYCUTT, CLERK

Tools: _____
Clerk-Deputy Clerk

NO.	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	28°57'10"	80.89	200.00	N10°44'40"W	89.82
C2	113°29'52"	132.72	87.00	N10°51'08"E	112.08

DF - PROPOSED SEPTIC DRAINFIELD.
3/4" ROD ON LOT CORNERS OR ON LINES AT RIGHT-OF-WAY.
PROPERTY IS TO HAVE A FRONT BUILDING SETBACK OF 30' FROM PROPERTY LINE.



345K

Handwritten notes and signatures at the bottom of the page, including "et", "et", "to", "of", "and", "f", "w/".

SETEC

SOIL AND ENVIRONMENTAL TECHNOLOGY, INC
111 N. Franklin Street, Christiansburg, VA 24073
Phone: 540-381-0309

General Information

Date: 5/18/05

Applicant:

Telephone No:

Health Department

Address:

Owner:

Address:

Location:

Subdivision: The Old Dan Tate Place

Lot:

143 A 12 11
11

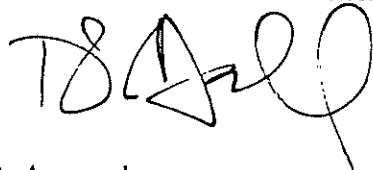
Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No Describe: Sideslope
2. Slope 36 %
3. Depth to rock/impervious strata: Max. Min. None ☒
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes inches
5. Free water present No ☒ Yes range in inches
6. Soil percolation rate estimated Yes ☒ No Texture group II
Estimated rate 40 Min/inch
7. Percolation test performed Yes Number of percolation test holes
No ☒ Depth of percolation test holes
Average percolation rate

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans

Soil Scientist

Signature:



Department Use

Site Approved:

depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
- 2 Insufficient depth of suitable soil over hard rock.
- 3 Insufficient depth of suitable soil over water table.
- 4 Rates of absorption too slow.
- 5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
- 6 Proposed system too close to well
- 7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 5/18/05

Health Department
Identification No.

x See application sketch

See construction permit

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 11

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-8	Brown (7.5YR 4/4) sandy loam	2
	BA	8-24	Brown (7.5YR 5/4) sandy loam	2
	Bt1	24-35	Strong Brown (7.5YR 5/6) sandy clay loam	2
	Bt2	35-72	Yellowish Red (5YR 5/8) sandy clay loam	2
2	Fill	10-0		
	BA	0-32	Brown (7.5YR 5/4) loam	2
	Bt	32-62	Yellowish Red (5YR 5/8) sandy clay loam	2
3	Ap	0-6	Reddish Brown (5YR 4/4) sandy loam	2
	Bt	6-30	Reddish Brown (5YR 5/4) sandy clay loam	2
	C	30-72	Reddish Yellow (7.5YR 6/8) sandy loam w/ many mica flakes	2

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 11

**DRAINFIELD RECOMMENDATIONS
DESIGN BASIS & AREA CALCULATIONS**

Type of system (Main DF)	Gravity		
EPR	40	Reserve Area Required	No
Slope %	36	Type of Reserve	N/A
# Bedrooms	2	Width of Trench (ft.) (Reserve DF)	N/A
Width of Trench (ft.)	3	Total Square Ft. of Trench Bottom Required (Reserve DF)	N/A
Total Square Ft. of Trench Bottom Required (Main DF)	660	Total Square Ft. of Trench Bottom in Design (Reserve DF)	N/A
Total Square Ft. of Trench Bottom in Design (Main DF)	660	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom Required per BR	330	Line Length (ft.) (Reserve DF)	N/A
Total Square Ft. of Trench Bottom per BR in Design	330	Centers (ft.) (Reserve DF)	N/A
# Lines Installed	4	Width Required (ft.) (Reserve DF)	N/A
Length of Line Installed (ft.)	55	Installation Depth (inches) (Reserve DF)	N/A
Centers (ft.)	11		
Width Required (ft.) (Main DF)	36	Length of Available Area (ft.) (Main DF)	55
Installation Depth (inches) (Main DF)	36	Width of Available Area (ft.) (Main DF)	36
		Total Sq. Ft. of Trench Bottom in Available Area (Main DF)	660

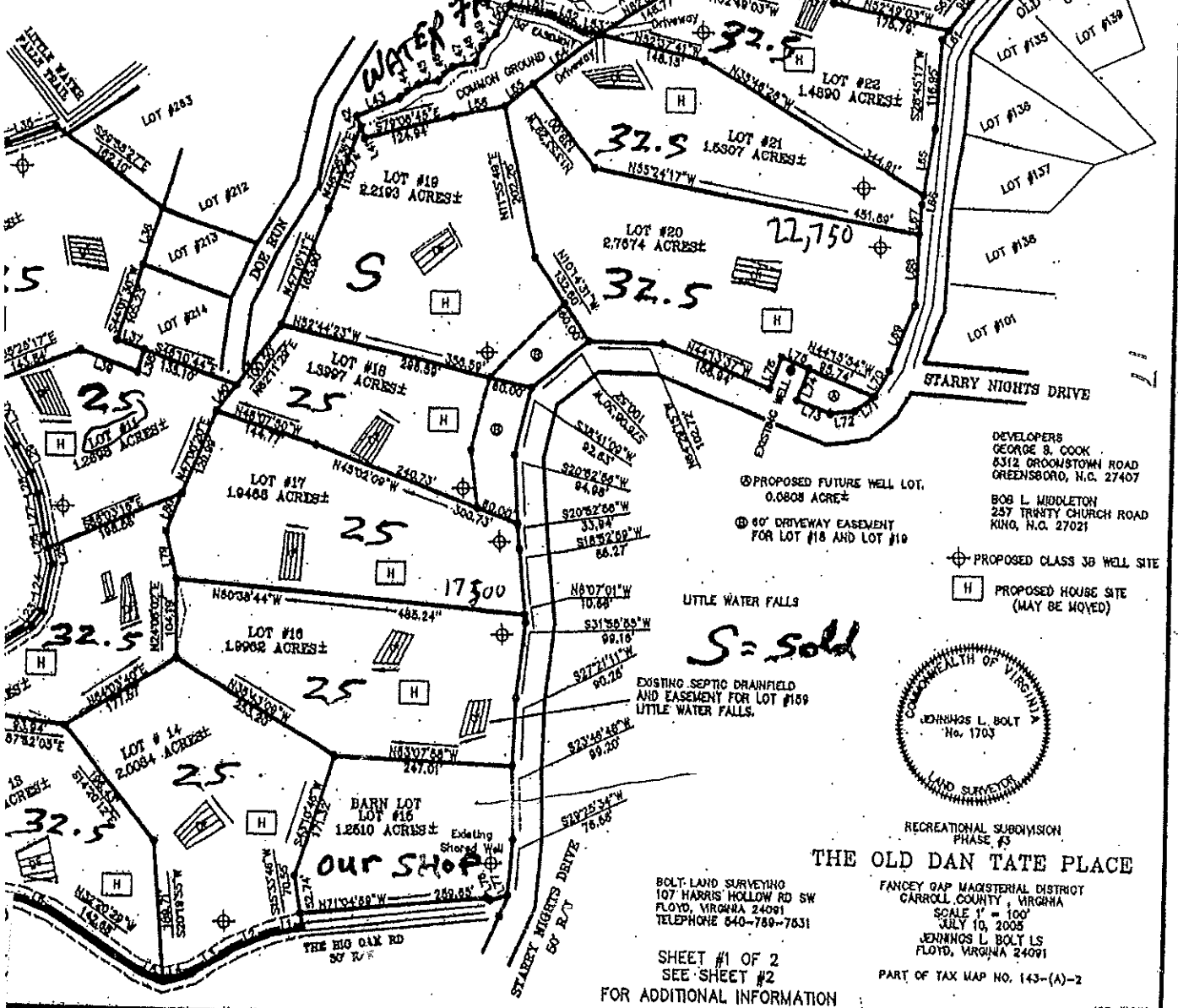
Note: Divert surface water away from drainfield area.

VIRGINIA In the Clerk's Office of the Circuit Court of Carroll County, at this Map involved in office, and admitted to record, CAROLYN H. HONEYCUTT, CLERK

Scale: Clerk-Deputy Clerk

OF - PROPOSED SEPTIC DRAINFIELD.
 3/4" ROD ON LOT CORNERS OR ON LINES AT RIGHT-OF-WAY.
 PROPERTY IS TO HAVE A FRONT BUILDING SETBACK OF 30' FROM PROPERTY LINE.

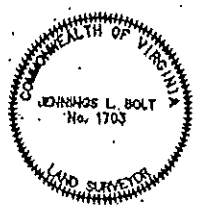
NUM.	DELTA	ARC	RADIUS	BEARING	DISTANCE
G1	28°57'10"	80.86'	200.00'	N19°44'40"W	89.82'
G2	113°29'32"	132.72'	87.00'	N19°51'08"E	112.06'



DEVELOPERS
 GEORGE S. COOK
 8312 DROONSTOWN ROAD
 GREENSBORO, N.C. 27407
 BOB L. MIDDLETON
 257 TRINITY CHURCH ROAD
 KING, N.C. 27021

⊙ PROPOSED FUTURE WELL LOT.
 0.0808 ACRE±
 ⊙ 60' DRIVEWAY EASEMENT
 FOR LOT #18 AND LOT #19

⊙ PROPOSED CLASS 3B WELL SITE
 [H] PROPOSED HOUSE SITE
 (MAY BE MOVED)



THE OLD DAN TATE PLACE

BOLT LAND SURVEYING
 107 HARRIS HOLLOW RD SW
 FLOYD, VIRGINIA 24091
 TELEPHONE 840-780-7631

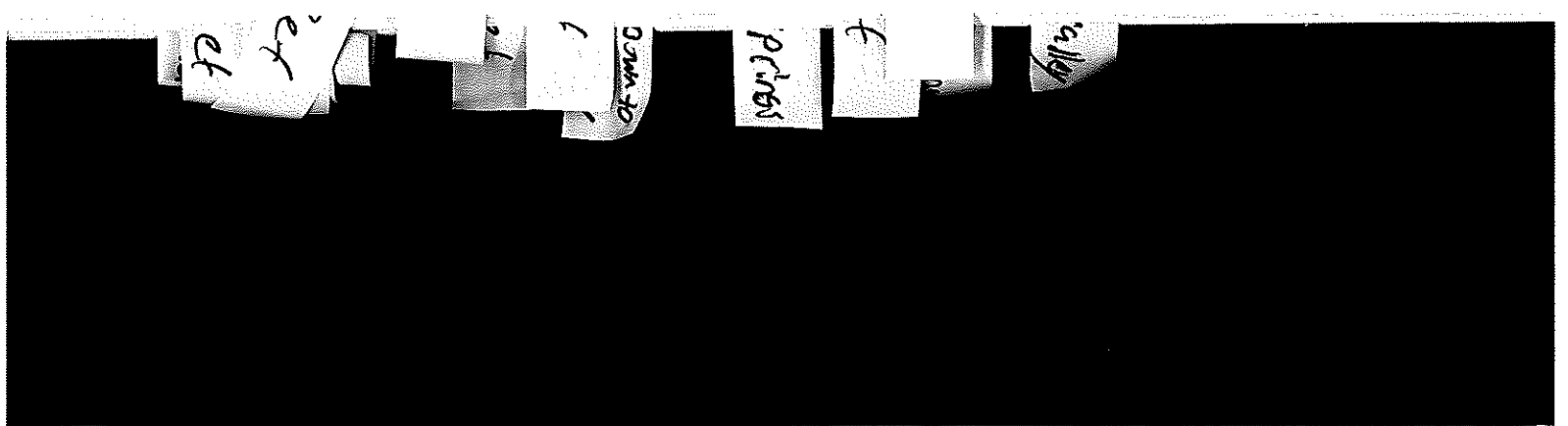
FANCY GAP MAGISTERIAL DISTRICT
 CARROLL COUNTY, VIRGINIA
 SCALE 1" = 100'
 JULY 10, 2005
 JENNINGS L. BOLT LS
 FLOYD, VIRGINIA 24091

SHEET #1 OF 2
 SEE SHEET #2
 FOR ADDITIONAL INFORMATION

PART OF TAX MAP NO. 143-(A)-2

JCB #1031

345K



General Information

Date: 6/8/05

Health Department

Applicant:

Telephone No:

Address:

Owner:

Address:

143A 12 12

Location:

Subdivision: The Old Dan Tate Place

Lot:

12

Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No Describe: Sideslope
2. Slope 46 %
3. Depth to rock\impervious strata: Max. Min. None ☒
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes inches
5. Free water present No ☒ Yes range in inches
6. Soil percolation rate estimated Yes ☒ No Texture group II
Estimated rate 30 Min/inch
7. Percolation test performed Yes Number of percolation test holes
No ☒ Depth of percolation test holes
Average percolation rate

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans

Soil Scientist

Signature:



Department Use

Site Approved:

depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
- 2 Insufficient depth of suitable soil over hard rock.
- 3 Insufficient depth of suitable soil over water table.
- 4 Rates of absorption too slow.
- 5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
- 6 Proposed system too close to well
- 7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 6/8/05

Health Department
Identification No.

x See application sketch See construction permit

Applicant: **Subdivision:** The Old Dan Tate Place **Lot:** 12

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-2	Dark Yellowish Brown (10YR 3/4) loam	2
	BA	2-10	Brown (7.5YR 5/4) loam	2
	Bt	10-45	Yellowish Red (5YR 5/8) sandy clay loam	2
	C	45-60	Yellowish Brown (10YR 5/6) sandy loam	2
2	Ap	0-4	Grayish Brown (10YR 5/2) loam	2
	BA	4-21	Brown (7.5YR 5/4) loam	2
	Bt1	21-40	Reddish Brown (5YR 5/4) loam	2
	Bt2	40-54	Red (2.5YR 5/8) sandy clay loam	2
	C	54-60	Strong Brown (7.5YR 5/8) sandy clay loam	2
3	Bt	0-12	Strong Brown (7.5YR 5/6) loam	2
	C	12-60	Yellowish Brown (10YR 5/6) sandy loam	2
4	Ap	0-4	Dark Yellowish Brown (10YR 3/4) loam	2
	BA	4-15	Brown (7.5YR 5/4) loam	2
	Bt	15-50	Yellowish Red (5YR 5/8) sandy clay loam	2
	C	50-60	Yellowish Brown (10YR 5/6) sandy loam	2
5	Bt	0-20	Yellowish Red (5YR 5/8) sandy clay loam	2
	BC	20-48	Reddish Yellow (7.5YR 6/8) sandy loam	2
	C	48-60	Yellowish Brown (10YR 5/6) sandy loam	2

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 12

**DRAINFIELD RECOMMENDATIONS
DESIGN BASIS & AREA CALCULATIONS**

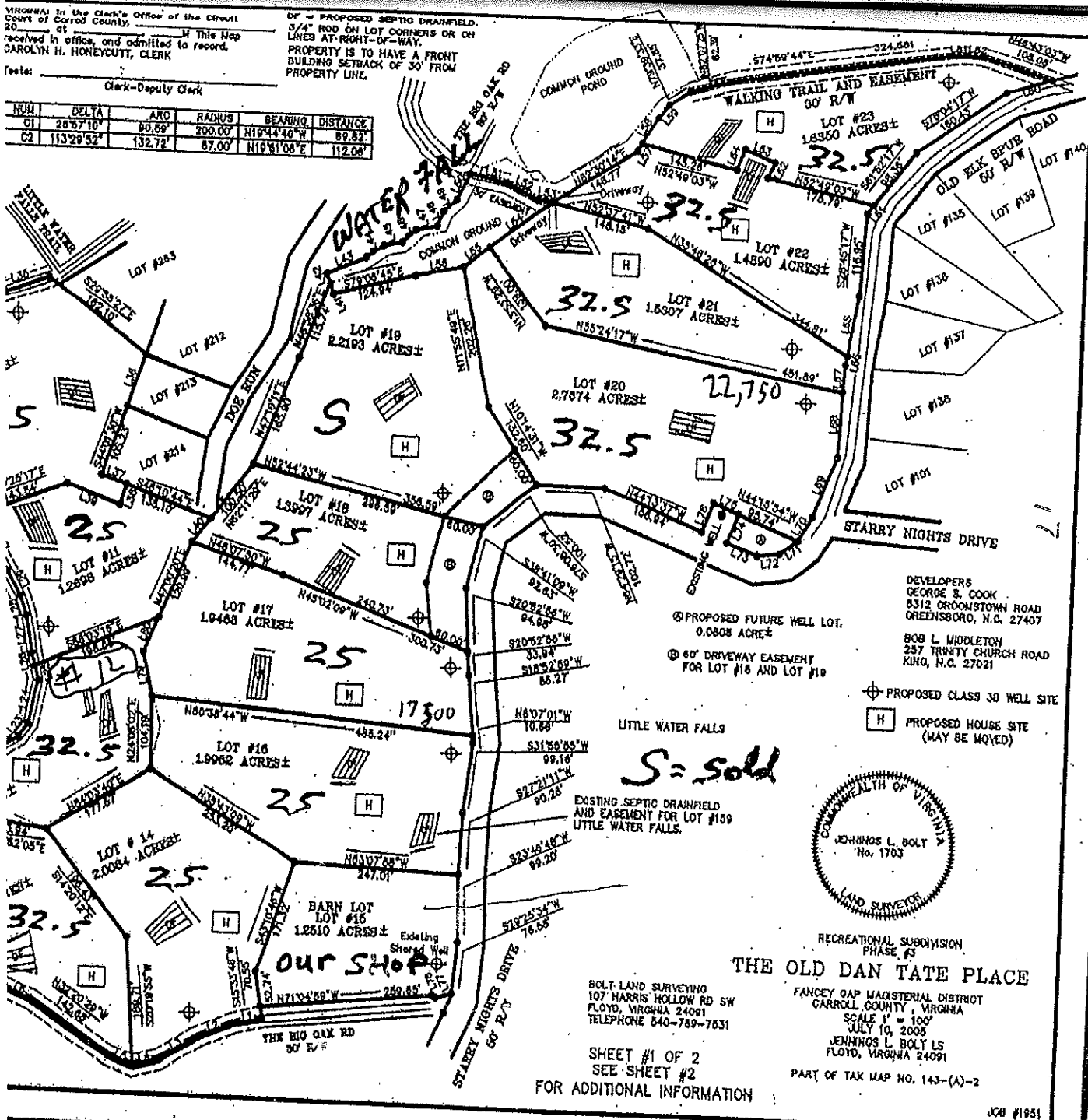
Type of system (Main DF)	Gravity		
EPR	30	Reserve Area Required	No
Slope %	11, 46	Type of Reserve	N/A
# Bedrooms	2	Width of Trench (ft.) (Reserve DF)	N/A
Width of Trench (ft.)	3	Total Square Ft. of Trench Bottom Required (Reserve DF)	N/A
Total Square Ft. of Trench Bottom Required (Main DF)	540	Total Square Ft. of Trench Bottom in Design (Reserve DF)	N/A
Total Square Ft. of Trench Bottom in Design (Main DF)	540	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom Required per BR	270	Line Length (ft.) (Reserve DF)	N/A
Total Square Ft. of Trench Bottom per BR in Design	270	Centers (ft.) (Reserve DF)	N/A
# Lines Installed	2, 2	Width Required (ft.) (Reserve DF)	N/A
Length of Line Installed (ft.)	30, 60	Installation Depth (inches) (Reserve DF)	N/A
Centers (ft.)	9, 12		
Width Required (ft.) (Main DF)	12, 15	Length of Available Area (ft.) (Main DF)	30, 60
Installation Depth (inches) (Main DF)	42	Width of Available Area (ft.) (Main DF)	12, 15
		Total Sq. Ft. of Trench Bottom in Available Area (Main DF)	540

Note: Divert surface water away from drainfield area. The site must be graded to divert drainage from the steep slope above away from the drainfield area.

Testa: _____
Clark-Deputy Clark

OF - PROPOSED SEPTIC DRAINFIELD.
3/4" ROD ON LOT CORNERS OR ON
LINES AT RIGHT-OF-WAY.
PROPERTY IS TO HAVE A FRONT
BUILDING SETBACK OF 30' FROM
PROPERTY LINE.

NUM.	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	28°37'10"	80.89'	200.00'	N19°44'40"W	89.82'
C2	113°28'52"	132.72'	87.00'	N19°51'08"E	112.08'



345 K

General Information

Date: 7/13/05

Applicant:

Telephone No:

Health Department

Address:

Owner:

Address:

1434 1213

Location:

Subdivision: The Old Dan Tate Place

Lot:

13

Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No Describe: Sideslope
2. Slope 22 %
3. Depth to rock/impervious strata: Max. 52" Min. 48" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes inches
5. Free water present No ☒ Yes range in inches
6. Soil percolation rate estimated Yes ☒ No Texture group II
Estimated rate 30 Min/inch
7. Percolation test performed Yes Number of percolation test holes
No ☒ Depth of percolation test holes
Average percolation rate

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans

Soil Scientist

Signature:



Department Use

Site Approved:

depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
- 2 Insufficient depth of suitable soil over hard rock.
- 3 Insufficient depth of suitable soil over water table.
- 4 Rates of absorption too slow.
- 5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
- 6 Proposed system too close to well
- 7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 7/13/05

Health Department
Identification No.

x See application sketch

See construction permit

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 13

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-5	Brown (10YR 4/3) sandy loam	2
	Bt	5-21	Reddish Yellow (5YR 6/8) loam	2
	C	21-48	Pale Yellow (5Y 7/4) gravelly sandy loam	2
2	Ap	0-5	Brown (10YR 4/3) sandy loam	2
	Bt	5-21	Reddish Yellow (5YR 6/8) loam	2
	C	21-48	Pale Yellow (5Y 7/4) gravelly sandy loam	2
3	Ap	0-6	Brown (10YR 4/3) sandy loam	2
	Bw	6-24	Yellowish Brown (10YR 5/8) sandy loam	2
	C	24-52	Brownish Yellow (10YR 6/6) sandy loam	2
	Cr	52+		

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 13

**DRAINFIELD RECOMMENDATIONS
DESIGN BASIS & AREA CALCULATIONS**

Type of system (Main DF)	Pump*		
EPR	30	Reserve Area Required	No
Slope %	22	Type of Reserve	N/A
# Bedrooms	2	Width of Trench (ft.) (Reserve DF)	N/A
Width of Trench (ft.)	3	Total Square Ft. of Trench Bottom Required (Reserve DF)	N/A
Total Square Ft. of Trench Bottom Required (Main DF)	540	Total Square Ft. of Trench Bottom in Design (Reserve DF)	N/A
Total Square Ft. of Trench Bottom in Design (Main DF)	540	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom Required per BR	270	Line Length (ft.) (Reserve DF)	N/A
Total Square Ft. of Trench Bottom per BR in Design	270	Centers (ft.) (Reserve DF)	N/A
# Lines Installed	4	Width Required (ft.) (Reserve DF)	N/A
Length of Line Installed (ft.)	45	Installation Depth (inches) (Reserve DF)	N/A
Centers (ft.)	11		
Width Required (ft.) (Main DF)	36	Length of Available Area (ft.) (Main DF)	45
Installation Depth (inches) (Main DF)	30	Width of Available Area (ft.) (Main DF)	36
		Total Sq. Ft. of Trench Bottom in Available Area (Main DF)	540

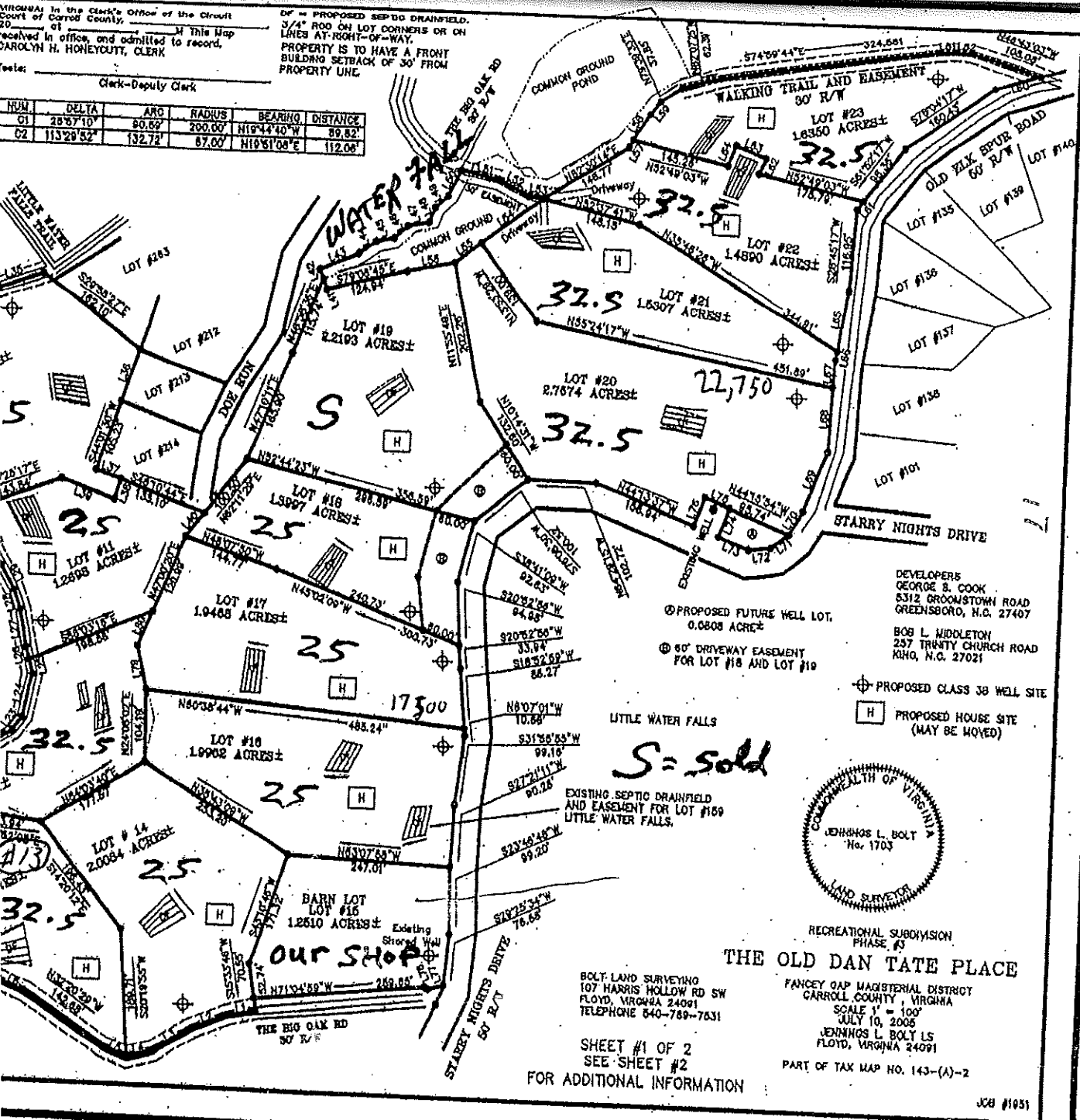
***System will require a pump unless gravity fall from a house site can be achieved.**

Note: Divert surface water away from drainfield area. The site must be graded to divert drainage from the road and steep slope above away from the drainfield area. Driveway cannot cross drainfield.

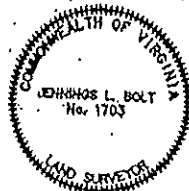
VIRGINIA In the Clerk's Office of the Circuit Court of Carroll County, at this Map received in office, and admitted to record, CAROLYN H. HOHEYCUTT, CLERK
 Date: _____
 Clerk-Deputy Clerk

NO.	DELTA	ARC	RADIUS	BEARING	DISTANCE
01	28°57'10"	80.89'	200.00'	N10°44'40"W	89.82'
02	113°29'52"	132.72'	87.00'	N10°51'03"E	112.06'

OF A PROPOSED SEPTIC DRAINFIELD, 3/4" R/O ON LOT CORNERS OR ON LINES AT RIGHT-OF-WAY. PROPERTY IS TO HAVE A FRONT BUILDING SETBACK OF 30' FROM PROPERTY LINE.



345K



THE OLD DAN TATE PLACE

RECREATIONAL SUBDIVISION
 PHASE #3
 FANCY GAP MAGISTERIAL DISTRICT
 CARROLL COUNTY, VIRGINIA
 SCALE 1" = 100'
 JULY 10, 2005
 JENNINGS L. BOLT LS
 FLOYD, VIRGINIA 24091

BOLT LAND SURVEYING
 107 HARRIS HOLLOW RD SW
 FLOYD, VIRGINIA 24091
 TELEPHONE 640-789-7631

SHEET #1 OF 2
 SEE SHEET #2
 FOR ADDITIONAL INFORMATION

PART OF TAX MAP NO. 143-(A)-2

JCB #1051

et
 of
 privs
 call

SETEC

SOIL AND ENVIRONMENTAL TECHNOLOGY, INC
111 N. Franklin Street, Christiansburg, VA 24073
Phone: 540-381-0309

General Information

Date: 7/13/05

Health Department

Applicant:

Telephone No:

Address:

Owner:

Address:

1434 12 20

Location:

Subdivision: The Old Dan Tate Place

Lot: 20

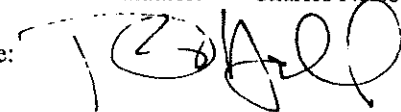
Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No Describe: Sideslope
2. Slope 38 %
3. Depth to rock\impervious strata: Max. Min. None ☒
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes inches
5. Free water present No ☒ Yes range in inches
6. Soil percolation rate estimated Yes ☒ No Texture group II
Estimated rate 30 Min/inch
7. Percolation test performed Yes Number of percolation test holes
No ☒ Depth of percolation test holes
Average percolation rate

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans

Soil Scientist

Signature:



Department Use

Site Approved:

depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
- 2 Insufficient depth of suitable soil over hard rock.
- 3 Insufficient depth of suitable soil over water table.
- 4 Rates of absorption too slow.
- 5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
- 6 Proposed system too close to well
- 7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 7/13/05

Health Department
Identification No.

x See application sketch See construction permit

Applicant: **Subdivision:** The Old Dan Tate Place **Lot:** 20

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-4	Brown (10YR 4/3) sandy loam	2
	BA	4-20	Light Yellowish Brown (10YR 6/4) sandy loam	2
	Bw	20-60	Strong Brown (7.5YR 5/6) loam	2
	C	60-120	Strong Brown (7.5YR 5/6) & Pale Yellow (5Y 7/4) gravelly sandy loam	2
2	Ap	0-8	Brown (10YR 4/3) sandy loam	2
	BA	8-20	Yellowish Brown (10YR 5/6) sandy loam	2
	Bw	20-48	Strong Brown (7.5YR 5/6) sandy loam	2
	C	48-80	Olive Yellow (2.5Y 6/8) sandy loam	2
3	Ap	0-8	Brown (10YR 4/3) sandy loam	2
	BA	8-20	Yellowish Brown (10YR 5/6) sandy loam	2
	Bw	20-48	Strong Brown (7.5YR 5/6) sandy loam	2
	C	48-80	Olive Yellow (2.5Y 6/8) sandy loam	2

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 20

**DRAINFIELD RECOMMENDATIONS
DESIGN BASIS & AREA CALCULATIONS**

Type of system (Main DF)	Gravity		
EPR	30	Reserve Area Required	No
Slope %	38	Type of Reserve	N/A
# Bedrooms	2	Width of Trench (ft.) (Reserve DF)	N/A
Width of Trench (ft.)	3	Total Square Ft. of Trench Bottom Required (Reserve DF)	N/A
Total Square Ft. of Trench Bottom Required (Main DF)	540	Total Square Ft. of Trench Bottom in Design (Reserve DF)	N/A
Total Square Ft. of Trench Bottom in Design (Main DF)	540	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom Required per BR	270	Line Length (ft.) (Reserve DF)	N/A
Total Square Ft. of Trench Bottom per BR in Design	270	Centers (ft.) (Reserve DF)	N/A
# Lines Installed	3	Width Required (ft.) (Reserve DF)	N/A
Length of Line Installed (ft.)	60	Installation Depth (inches) (Reserve DF)	N/A
Centers (ft.)	11		
Width Required (ft.) (Main DF)	25	Length of Available Area (ft.) (Main DF)	60
Installation Depth (inches) (Main DF)	48	Width of Available Area (ft.) (Main DF)	25
		Total Sq. Ft. of Trench Bottom in Available Area (Main DF)	540

Note: Divert surface water away from drainfield area. The site must be graded to divert drainage from the steep slope above away from the drainfield area.

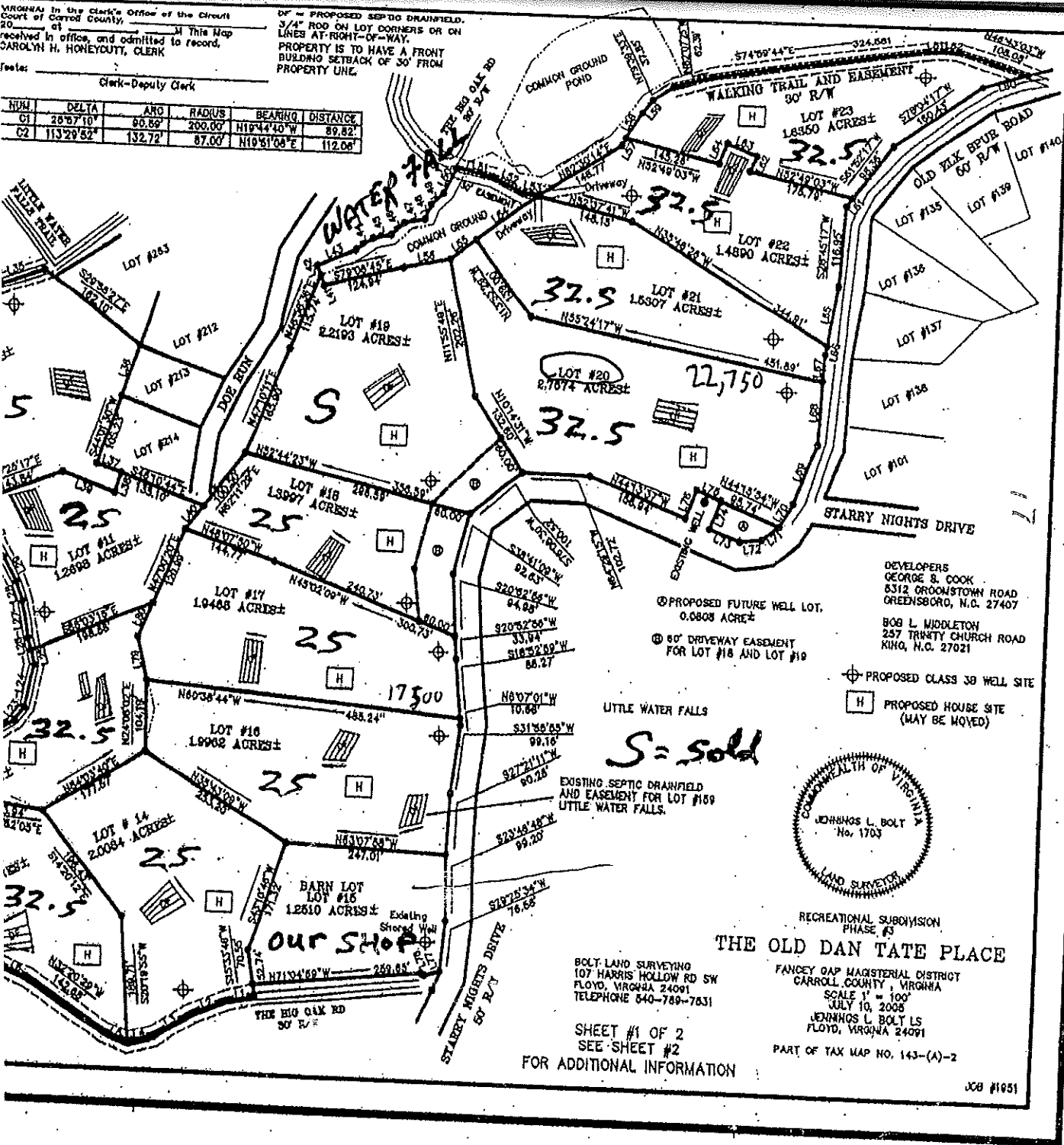
VIRGINIA In the Clerk's Office of the Circuit Court of Carroll County, at _____, This Map received in office, and admitted to record, JAROLYN H. HONEYCUTT, CLERK

feet:

Clerk-Deputy Clerk

NO.	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	28°57'10"	90.89'	200.00'	N10°44'40"W	89.82'
C2	113°29'52"	132.72'	87.00'	N10°51'05"E	112.08'

OF = PROPOSED SEPTIC DRAINFIELD.
 5/4" ROD ON LOT CORNERS OR ON LINES AT RIGHT-OF-WAY.
 PROPERTY IS TO HAVE A FRONT BUILDING SETBACK OF 30' FROM PROPERTY LINE.

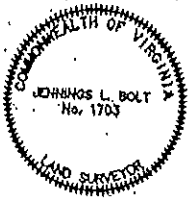


345K

DEVELOPERS
 GEORGE S. COOK
 8312 GROOMSTOWN ROAD
 GREENSBORO, N.C. 27407
 BOB L. MIDDLETON
 237 TRINITY CHURCH ROAD
 KING, N.C. 27021

⊕ PROPOSED FUTURE WELL LOT.
 0.0803 ACRE±
 ⊕ 60' DRIVEWAY EASEMENT
 FOR LOT #18 AND LOT #19

⊕ PROPOSED CLASS 3B WELL SITE
 [H] PROPOSED HOUSE SITE
 (MAY BE MOVED)



RECREATIONAL SUBDIVISION
 PHASE #3
THE OLD DAN TATE PLACE

BOLT LAND SURVEYING
 107 HARRIS HOLLOW RD SW
 FLOYD, VIRGINIA 24001
 TELEPHONE 640-789-7831

FANCY GAP MAGISTERIAL DISTRICT
 CARROLL COUNTY, VIRGINIA
 SCALE 1" = 100'
 JULY 10, 2008
 JOHANNES L. BOLT LS
 FLOYD, VIRGINIA 24091

SHEET #1 OF 2
 SEE SHEET #2
 FOR ADDITIONAL INFORMATION

PART OF TAX MAP NO. 143-(A)-2

JCB #1051

Handwritten notes and signatures at the bottom of the page, including 'et', 'et', 'of Waco', 'Said', and '6/1/08'.

SETEC

SOIL AND ENVIRONMENTAL TECHNOLOGY, INC
111 N. Franklin Street, Christiansburg, VA 24073
Phone: 540-381-0309

General Information

Date: 6/21/05

Health Department

Applicant:

Telephone No:

Address:

Owner:

Address:

1434 12 21

Location:

Subdivision: The Old Dan Tate Place

Lot: 21

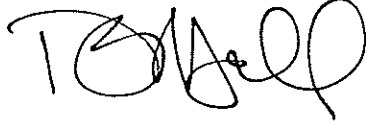
Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No Describe: Sideslope
2. Slope 35 %
3. Depth to rock\impervious strata: Max. Min. None ☒
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes inches
5. Free water present No ☒ Yes range in inches
6. Soil percolation rate estimated Yes ☒ No Texture group II
Estimated rate 30 Min/inch
7. Percolation test performed Yes No ☒ Number of percolation test holes
Depth of percolation test holes
Average percolation rate

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans

Soil Scientist

Signature:



Department Use

Site Approved:

depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
- 2 Insufficient depth of suitable soil over hard rock.
- 3 Insufficient depth of suitable soil over water table.
- 4 Rates of absorption too slow.
- 5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
- 6 Proposed system too close to well
- 7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 6/21/05

Health Department
Identification No.

x See application sketch See construction permit

Applicant: **Subdivision:** The Old Dan Tate Place **Lot:** 21

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-14	Brown (10YR 4/3) sandy loam	2
	BA	14-24	Yellowish Brown (10YR 5/4) sandy loam	2
	Bw	24-63	Strong Brown (7.5YR 5/6) sandy loam	2
	BC	63-76	Reddish Yellow (7.5YR 6/8) sandy loam	2
2	Ap	0-10	Brown (10YR 4/3) sandy loam	2
	Bw	10-24	Yellowish Brown (10YR 5/8) sandy loam	2
	BC	24-41	Yellowish Brown (10YR 5/8) & Brownish Yellow (10YR 6/6) sandy loam	2
	C1	41-71	Reddish Yellow (7.5YR 6/8) gravelly sandy loam	2
	C2	71-84	Reddish Yellow (7.5YR 6/8) sandy loam	2
3	Ap	0-8	Dark Yellowish Brown (10YR 4/4) sandy loam	2
	BA	8-18	Brown (7.5YR 5/4) sandy loam	2
	Bt	18-60	Strong Brown (7.5YR 5/8) sandy loam	2
	C	60-72	Reddish Yellow (7.5YR 6/8) sandy loam	2

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 21

**DRAINFIELD RECOMMENDATIONS
DESIGN BASIS & AREA CALCULATIONS**

Type of system (Main DF)	Gravity		
EPR	30	Reserve Area Required	No
Slope %	35	Type of Reserve	N/A
# Bedrooms	2	Width of Trench (ft.) (Reserve DF)	N/A
Width of Trench (ft.)	3	Total Square Ft. of Trench Bottom Required (Reserve DF)	N/A
Total Square Ft. of Trench Bottom Required (Main DF)	540	Total Square Ft. of Trench Bottom in Design (Reserve DF)	N/A
Total Square Ft. of Trench Bottom in Design (Main DF)	540	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom Required per BR	270	Line Length (ft.) (Reserve DF)	N/A
Total Square Ft. of Trench Bottom per BR in Design	270	Centers (ft.) (Reserve DF)	N/A
# Lines Installed	3	Width Required (ft.) (Reserve DF)	N/A
Length of Line Installed (ft.)	60	Installation Depth (inches) (Reserve DF)	N/A
Centers (ft.)	11		
Width Required (ft.) (Main DF)	25	Length of Available Area (ft.) (Main DF)	60
Installation Depth (inches) (Main DF)	36	Width of Available Area (ft.) (Main DF)	25
		Total Sq. Ft. of Trench Bottom in Available Area (Main DF)	540

Note: Divert surface water away from drainfield area. The site must be graded to divert drainage from the steep slope above away from the drainfield area.

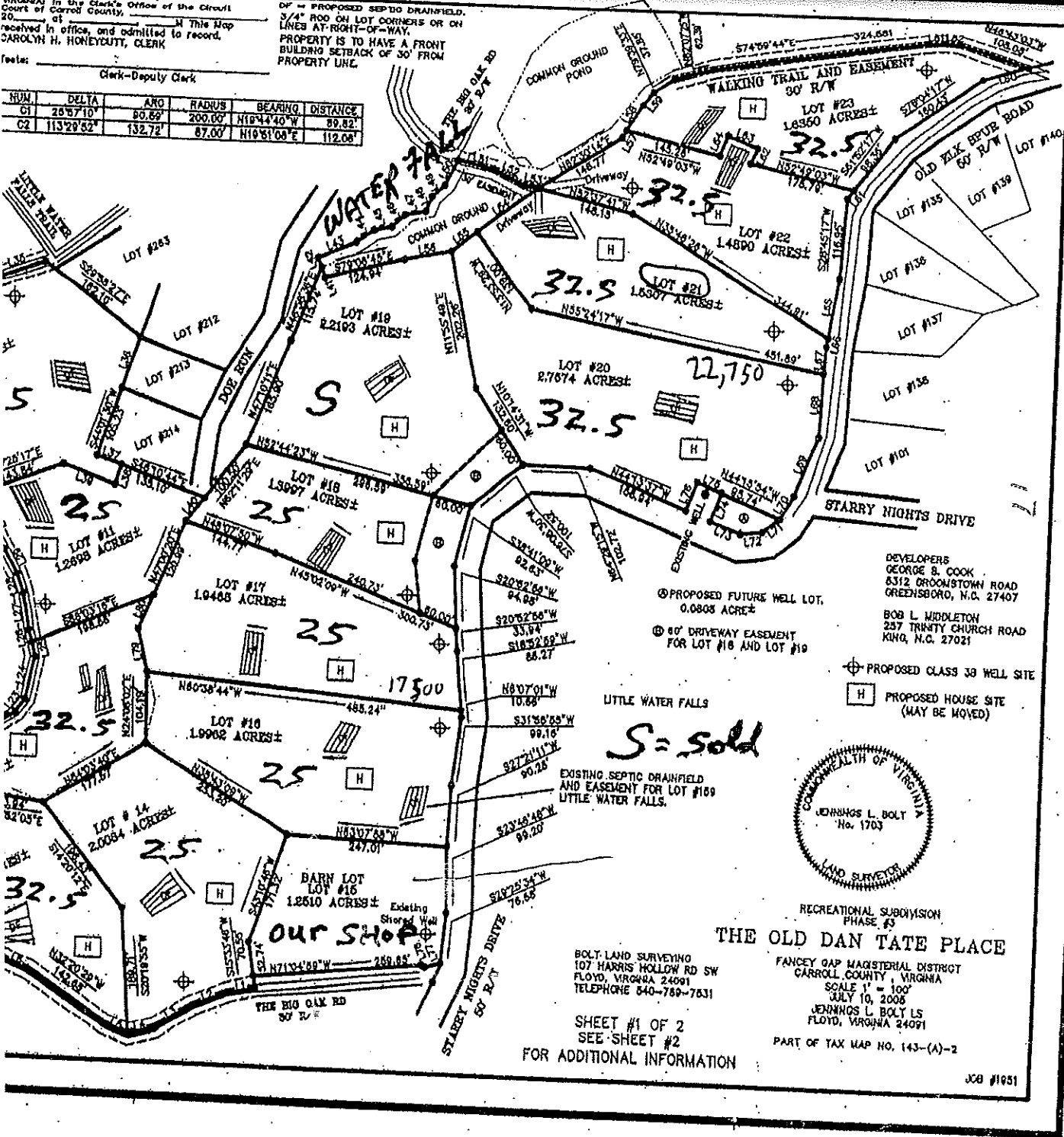
VIRGINIA: In the Clerk's Office of the Circuit Court of Carroll County, at _____, this Map received in office, and admitted to record, CAROLYN H. HONEYCUTT, CLERK

OF - PROPOSED SEPTIC DRAINFIELD, 8'x4' ROD ON LOT CORNERS OR ON LINES AT RIGHT-OF-WAY. PROPERTY IS TO HAVE A FRONT BUILDING SETBACK OF 30' FROM PROPERTY LINE.

feet:

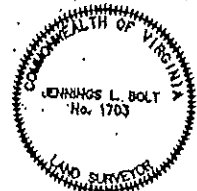
FROM	DELTA	ARC	RADIUS	BEARING	DISTANCE
G1	25°57'10"	80.89'	200.00'	N10°44'40"W	89.82'
G2	113°29'52"	132.72'	87.00'	N10°51'08"E	112.08'

Clerk-Deputy Clerk



345K

S = sold



THE OLD DAN TATE PLACE

BOLT LAND SURVEYING
107 HARRIS HOLLOW RD SW
FLOYD, VIRGINIA 24001
TELEPHONE 640-789-7831

FANCY GAP MAGISTERIAL DISTRICT
CARROLL COUNTY, VIRGINIA
SCALE 1" = 100'
JULY 10, 2008
JENNINGS L. BOLT LS
FLOYD, VIRGINIA 24091

SHEET #1 OF 2
SEE SHEET #2
FOR ADDITIONAL INFORMATION

PART OF TAX MAP NO. 143-(A)-2

JCB #1051

Handwritten notes and signatures at the bottom of the page, including "et", "et", "of 2000", "Said", "f", "11/10", and "11/10".

SETEC

SOIL AND ENVIRONMENTAL TECHNOLOGY, INC
111 N. Franklin Street, Christiansburg, VA 24073
Phone: 540-381-0309

General Information

Date: 6/27/05

Applicant:

Health Department
Telephone No:

Address:

Owner:

Address:

1434 12 22

Location:

Subdivision: The Old Dan Tate Place

Lot:

22

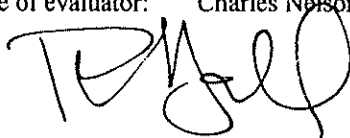
Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No Describe: Sideslope
2. Slope 35 %
3. Depth to rock\impervious strata: Max. Min. None ☒
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes inches
5. Free water present No ☒ Yes range in inches
6. Soil percolation rate estimated Yes ☒ No Texture group II
Estimated rate 30 Min/inch
7. Percolation test performed Yes Number of percolation test holes
No ☒ Depth of percolation test holes
Average percolation rate

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans

Soil Scientist

Signature:



Department Use

Site Approved:

depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
- 2 Insufficient depth of suitable soil over hard rock.
- 3 Insufficient depth of suitable soil over water table.
- 4 Rates of absorption too slow.
- 5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
- 6 Proposed system too close to well
- 7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 6/27/05

Health Department
Identification No.

x See application sketch

See construction permit

Applicant: **Subdivision:** The Old Dan Tate Place **Lot:** 22

Hole #	Horizon	Depth	Description	Texture Group
1	Ap	0-3	Brown (10YR 4/3) sandy loam	2
	Bt	3-26	Strong Brown (7.5YR 5/6) sandy loam	2
	BC	26-40	Brownish Yellow (10YR 6/8) sandy loam with White (10YR 8/1) thru Black (10YR 2/1) parent material	2
	C	40-63	Brownish Yellow (10YR 6/8) gravelly sandy loam with White (10YR 8/1) thru Black (10YR 2/1) parent material	2
2	BA	0-2	Brown (7.5YR 5/4) sandy loam	2
	Bt	2-24	Strong Brown (7.5YR 5/6) sandy loam	2
	BC	24-46	Brownish Yellow (10YR 6/8) sandy loam with White (10YR 8/1) thru Black (10YR 2/1) parent material	2
	C	46-60	Brownish Yellow (10YR 6/8) gravelly sandy loam with White (10YR 8/1) thru Black (10YR 2/1) parent material	2
3	Bw	0-24	Strong Brown (7.5YR 5/8) sandy loam	2
	BC	24-35	Strong Brown (7.5YR 5/8) & Olive Yellow (2.5Y 6/8) sandy loam	2
	C	35-72	Brownish Yellow (10YR 6/8) gravelly sandy loam with White (10YR 8/1) thru Black (10YR 2/1) parent material	2

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 22

**DRAINFIELD RECOMMENDATIONS
DESIGN BASIS & AREA CALCULATIONS**

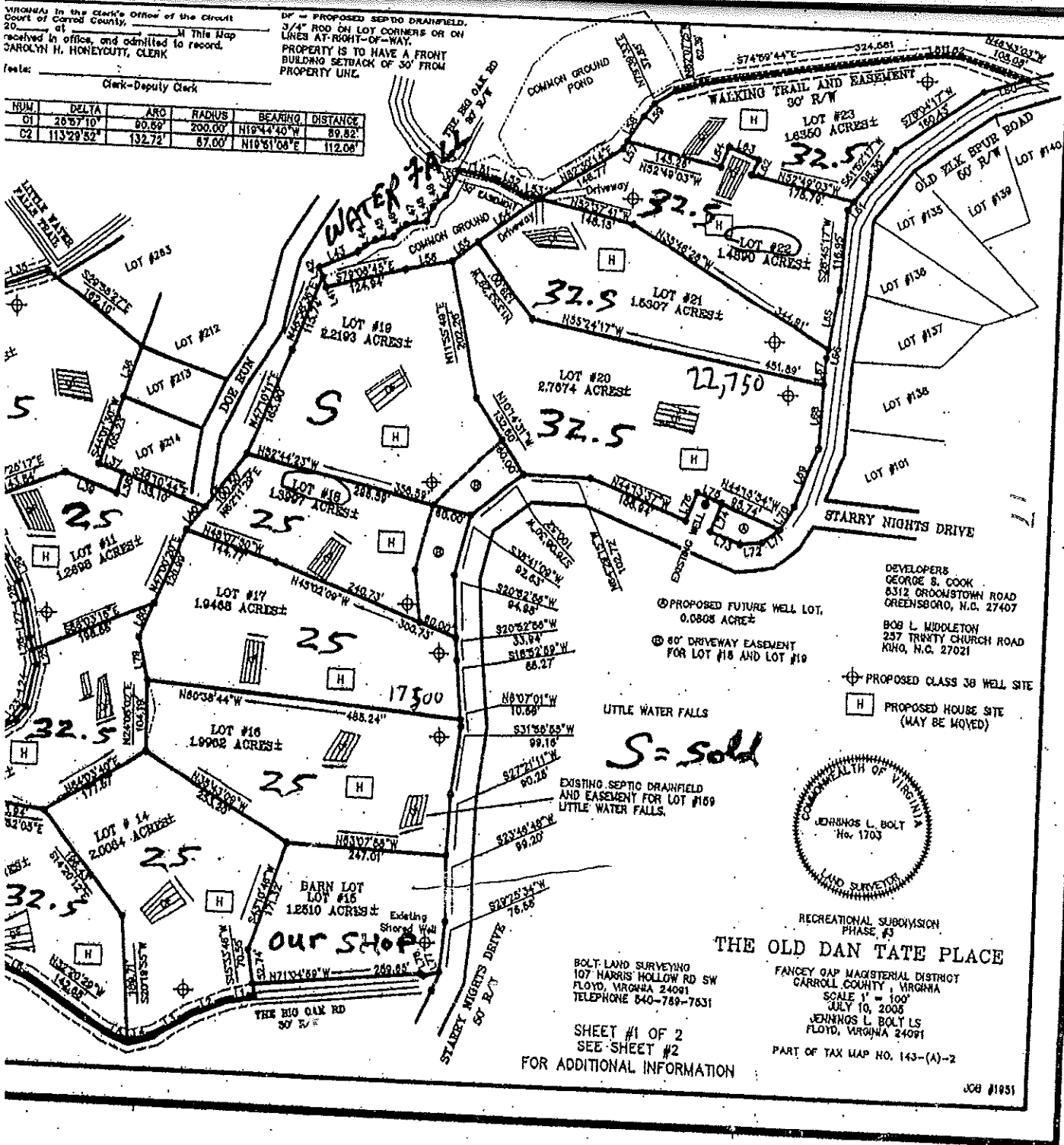
Type of system (Main DF)	Gravity		
EPR	30	Reserve Area Required	No
Slope %	35	Type of Reserve	N/A
# Bedrooms	2	Width of Trench (ft.) (Reserve DF)	N/A
Width of Trench (ft.)	3	Total Square Ft. of Trench Bottom Required (Reserve DF)	N/A
Total Square Ft. of Trench Bottom Required (Main DF)	540	Total Square Ft. of Trench Bottom in Design (Reserve DF)	N/A
Total Square Ft. of Trench Bottom in Design (Main DF)	540	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom Required per BR	270	Line Length (ft.) (Reserve DF)	N/A
Total Square Ft. of Trench Bottom per BR in Design	270	Centers (ft.) (Reserve DF)	N/A
# Lines Installed	3	Width Required (ft.) (Reserve DF)	N/A
Length of Line Installed (ft.)	60	Installation Depth (inches) (Reserve DF)	N/A
Centers (ft.)	11		
Width Required (ft.) (Main DF)	25	Length of Available Area (ft.) (Main DF)	60
Installation Depth (inches) (Main DF)	32	Width of Available Area (ft.) (Main DF)	25
		Total Sq. Ft. of Trench Bottom in Available Area (Main DF)	540

Note: Divert surface water away from drainfield area. The site must be graded to divert drainage from the steep slope above away from the drainfield area.

Forster: _____
Clark-Deputy Clark

ROW	DELTA	ARC	RADIUS	BEARING	DISTANCE
C1	20°37'10"	80.69'	200.00'	N19°44'40"W	89.82'
C2	113°29'52"	132.72'	87.00'	N10°51'08"E	112.06'

DR - PROPOSED SEPTO DRAINFIELD.
3/4" ROD ON LOT CORNERS OR ON
LINES AT RIGHT-OF-WAY.
PROPERTY IS TO HAVE A FRONT
BUILDING SETBACK OF 30' FROM
PROPERTY LINE.



345 K

General Information

Date: 6/21/05 & 6/27/05

Health Department

Applicant:

Telephone No:

Address:

Owner:

Address:

Location:

Subdivision: The Old Dan Tate Place

Lot: 23

143A 12 23

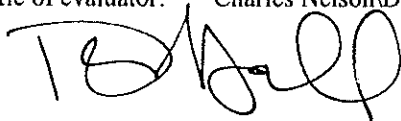
Soil Information Summary

1. Position in landscape satisfactory Yes ☒ No Describe: Sideslope
2. Slope 27 %
3. Depth to rock/impervious strata: Max. > 94" Min. 60" None
4. Depth to seasonal water table (gray mottling or gray color) No ☒ Yes inches
5. Free water present No ☒ Yes range in inches
6. Soil percolation rate estimated Yes ☒ No Texture group II
Estimated rate 30 Min/inch
7. Percolation test performed Yes Number of percolation test holes
No ☒ Depth of percolation test holes
Average percolation rate

Name and title of evaluator: Charles Nelson\David Hall\Bill Evans

Soil Scientist

Signature:



Department Use

Site Approved:

depth at site designated on permit.

Site Disapproved:

Reason for rejection:

- 1 Position in landscape subject to flooding or periodic saturation.
- 2 Insufficient depth of suitable soil over hard rock.
- 3 Insufficient depth of suitable soil over water table.
- 4 Rates of absorption too slow.
- 5 Insufficient area of acceptable soil for required drainfield, and/or reserve area
- 6 Proposed system too close to well
- 7 Other Specify:

Profile Description
SOIL EVALUATION REPORT

Date of Evaluation: 6/21/05 & 6/27/05

Health Department
Identification No.

x See application sketch See construction permit

Applicant: **Subdivision:** The Old Dan Tate Place **Lot:** 23

Hole #	Horizon	Depth	Description	Texture Group
1	BA	0-13	Brown (7.5YR 5/4) sandy loam	2
	Bw	13-48	Strong Brown (7.5YR 5/6) sandy loam	2
	C	48-92	Reddish Yellow (7.5YR 6/8) gravelly sandy loam	2
2	BA	0-20	Brown (7.5YR 5/4) sandy loam	2
	Bt	20-40	Strong Brown (7.5YR 5/8) sandy loam	2
	C	40-94	Brownish Yellow (10YR 6/8) gravelly sandy loam with White (10YR 8/1) thru Black (10YR 2/1) parent material	2
3	BA	0-10	Brown (7.5YR 5/4) sandy loam	2
	Bw	10-30	Strong Brown (7.5YR 5/6) sandy loam	2
	C	30-60	Brownish Yellow (10YR 6/8) gravelly sandy loam with White (10YR 8/1) thru Black (10YR 2/1) parent material	2
	R	60		

Note: Divert surface water away from drainfield area. The site must be graded to divert drainage from the steep slope above away from the drainfield area.

Applicant:

Subdivision: The Old Dan Tate Place

Lot: 23

**DRAINFIELD RECOMMENDATIONS
DESIGN BASIS & AREA CALCULATIONS**

Type of system (Main DF)	Gravity		
EPR	30	Reserve Area Required	No
Slope %	27	Type of Reserve	N/A
# Bedrooms	2	Width of Trench (ft.) (Reserve DF)	N/A
Width of Trench (ft.)	3	Total Square Ft. of Trench Bottom Required (Reserve DF)	N/A
Total Square Ft. of Trench Bottom Required (Main DF)	540	Total Square Ft. of Trench Bottom in Design (Reserve DF)	N/A
Total Square Ft. of Trench Bottom in Design (Main DF)	540	# Lines of Reserve	N/A
Total Square Ft. of Trench Bottom Required per BR	270	Line Length (ft.) (Reserve DF)	N/A
Total Square Ft. of Trench Bottom per BR in Design	270	Centers (ft.) (Reserve DF)	N/A
# Lines Installed	3	Width Required (ft.) (Reserve DF)	N/A
Length of Line Installed (ft.)	60	Installation Depth (inches) (Reserve DF)	N/A
Centers (ft.)	11		
Width Required (ft.) (Main DF)	25	Length of Available Area (ft.) (Main DF)	60
Installation Depth (inches) (Main DF)	30	Width of Available Area (ft.) (Main DF)	25
		Total Sq. Ft. of Trench Bottom in Available Area (Main DF)	540

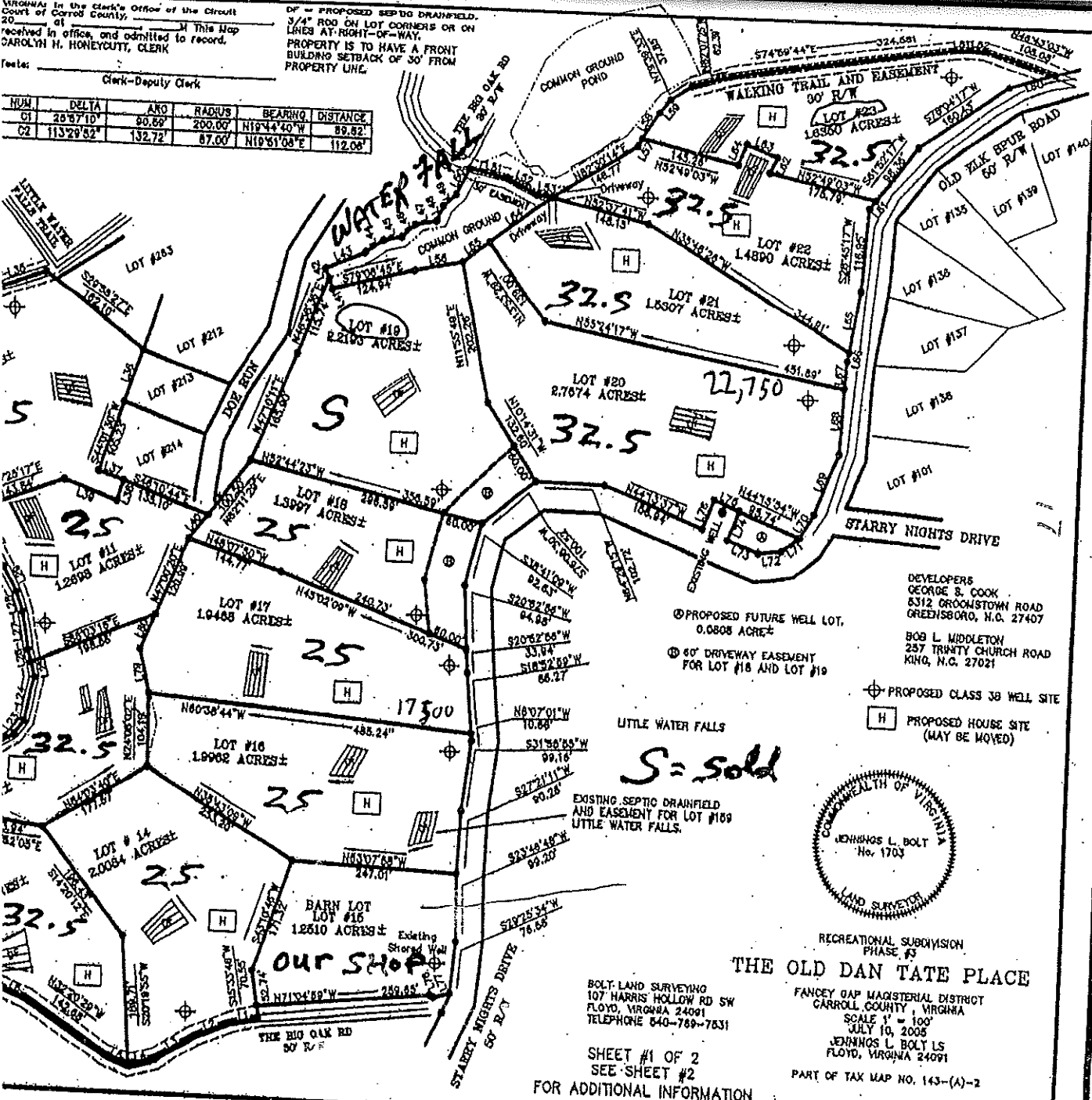
Virginia in the Clerk's Office of the Circuit Court of Carroll County, 20... at... This Map received in office, and admitted to record. CAROLYN H. HONEYCUTT, CLERK

Feet:

NUM.	DELTA	ARC	RADIUS	BEARING	DISTANCE
01	25° 57' 10"	90.69	200.00	N19° 44' 40" W	89.82
02	113° 29' 52"	132.72	87.00	N19° 51' 08" E	112.08

Clerk-Deputy Clerk

OF - PROPOSED SEPTIC DRAINFIELD, 3/4" ROD ON LOT CORNERS OR ON LINES AT RIGHT-OF-WAY. PROPERTY IS TO HAVE A FRONT BUILDING SETBACK OF 30' FROM PROPERTY LINE.



SHEET #1 OF 2
SEE SHEET #2
FOR ADDITIONAL INFORMATION

RECREATIONAL SUBDIVISION
PHASE #3
FANCY GAP MAGISTERIAL DISTRICT
CARROLL COUNTY, VIRGINIA
SCALE 1" = 100'
JULY 10, 2005
JENNINGS L. BOLT LS
FLOYD, VIRGINIA 24091

PART OF TAX MAP NO. 143-(A)-2

JCB #1851

345K

Handwritten notes and signatures at the bottom of the page, including 'et', 'et', 'OR VMC', 'SAND', and '6/1/05'.