

Sewage Disposal System Construction Permit

Loudoun County, Virginia
 Division of Environmental Health
 777-0234 Metro 478-8408



Health Department
 Identification Number 505 FSW 89

Map Reference

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General Information	
New <input checked="" type="checkbox"/> Repair <input type="checkbox"/>	old LCTM <u>56/16</u> Site ID. # <u>PSSD-89-0410</u>
Based on the application for a sewage disposal system construction permit filed in accordance with Chapter 1066, Codified Ordinances, a construction permit is hereby issued to:	
Owner <u>Edward M. Johnson</u>	Telephone <u>(703) 338-5233</u>
Address <u>P.O. Box 274 Philomont, VA 22131</u>	
For a Type <u>I</u>	Sewage disposal system which is to be constructed on/at <u>690 S., L. on 734 R. on 630, L. on 746, 1/2 mile to site on left</u>
Subdivision <u>Johnson</u>	Section/Block <u>56 (29)</u> Lot <u>B</u>
Actual or estimated water use <u>600 gpd (4 bedrooms)</u>	

DESIGN	NOTE: INSPECTION RESULTS
Septic Tank: Capacity <u>1200</u> gals. (minimum). <input type="checkbox"/> Other _____	Pretreatment unit: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Inlet-outlet structure: PVC 40, 4" tees or equivalent. <input type="checkbox"/> Other _____	Inlet-outlet structure: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Pump and pump station: No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> see specifications attached Pressure Distribution <input type="checkbox"/> Y <input checked="" type="checkbox"/> N	Pump & pump station: yes <input type="checkbox"/> no <input type="checkbox"/> comments Satisfactory <u>N/A</u>
Gravity mains: 3" or larger I.D., minimum 6" fall per 100', 1500 lb. crush strength or equivalent. <input type="checkbox"/> Other _____	Conveyance method: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Distribution box: Precast concrete with <u>7</u> ports. <input type="checkbox"/> Other _____	Distribution box: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory Field Marked: yes <input checked="" type="checkbox"/> no <input type="checkbox"/>
Header lines: Material: 4" I.D. 1500 lb. crush strength plastic or equivalent from distribution box to 2' into absorption trench. Slope 2" minimum <input type="checkbox"/> Other _____	Header lines: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Percolation line: Gravity 4" plastic 1000 lb. per foot bearing load or equivalent, slope 2" 4" (min. max.) per 100'. <input type="checkbox"/> Other _____	Percolation line: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory
Absorption trenches: Square ft. required <u>1800</u> ; depth from ground surface to bottom of trench <u>18-20"</u> ; aggregate size <u>1/2-1 1/2"</u> ; Trench bottom slope <u>2-4"/100'</u> center to center spacing <u>9'</u> ; trench width <u>3'</u> Depth of aggregate <u>13"</u> ; Trench length <u>100'</u> ; Number of trenches <u>6</u> See Planimetric for Location and Page _____ for further conditions	Absorption trenches: yes <input checked="" type="checkbox"/> no <input type="checkbox"/> comments Satisfactory Contractor <u>John Stanford</u> License # _____ Phone _____ Date <u>4/24/91</u> inspected and approved by: <u>Matt Tolley</u> Sanitarian

The sewage disposal system is to be constructed as specified by the permit or attached plans and specifications .

This construction permit is null and void if (a) conditions are changed from those shown on the application (b) conditions are changed from those shown on the construction permit.

Date: 4-18-90 Issued by: J. Randall Stoutenburg
 Date: 4/25/90 Reviewed by: Matt Tolley
Sanitarian
Supervisory Sanitarian

This Construction
Permit Valid until
10-18-94

- A. Proposed House
- B. Septic Tank
- C. Distribution Box
- D. Drainfield Installation
- E. Drainfield Reserve Area

TAX MAP NUMBER 56 / ((29)) / B

APPLICATION NUMBER 505 FSW 89 DATE 4-19-90

OWNER Edward M. Johnson

SEWAGE DISPOSAL CONSTRUCTION PERMIT

WATER SUPPLY CONSTRUCTION PERMIT - Drilled Well

LOC. 1

LOC. 1

This system is designed for a 4 bedroom house with a maximum use of 600 gallons per day.

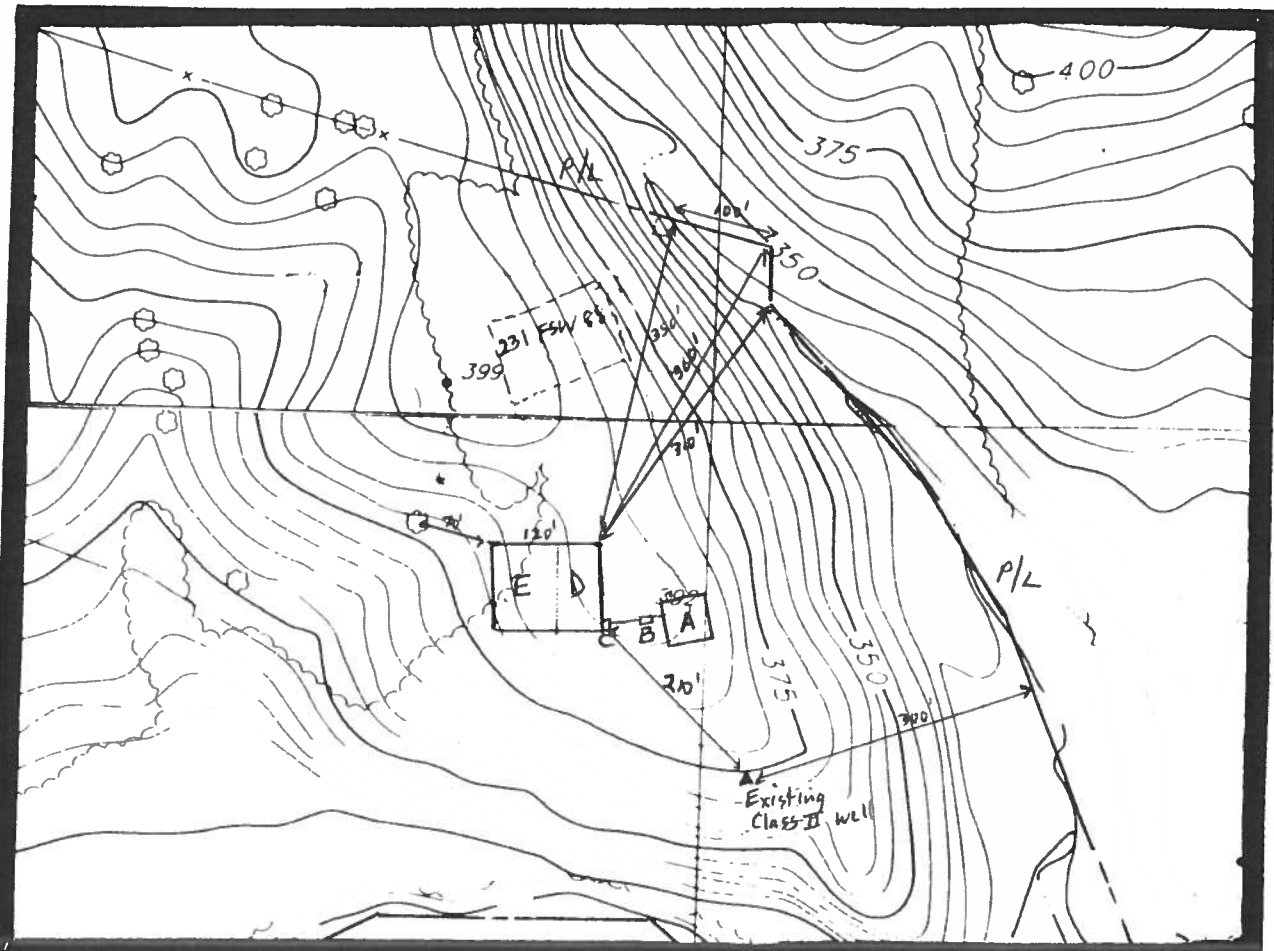
Satisfactory bacteriological sample required prior to occupancy or well use.
Required source capacity 1200 gallons per day.

- Class II A Public Non-Community Minimum case and grout 50 feet
- Class IIIA Private Minimum case and grout 20 feet, or bedrock + 10 feet, whichever is greater
- Class IV Other

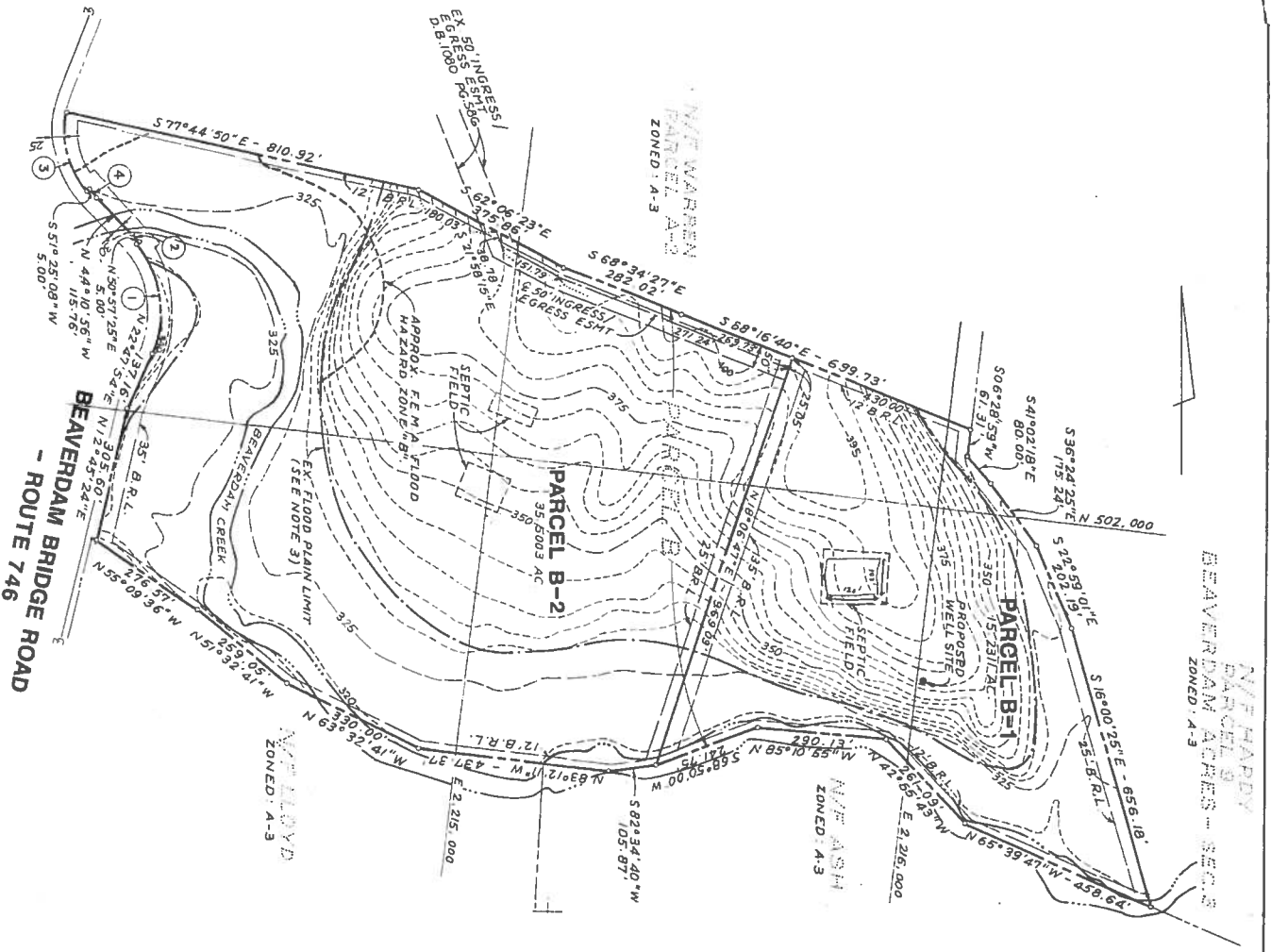
SCALE 1" = 200' (1:2400) PLANIMETRIC MAP 530 & 531

MAP SOURCE Loudoun County Photogrammetric Base Maps USGS 7-1/2 Minute Quadrangle Sheets, Enlarged

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ORDERED BY: JRS



N/E HARRY
PARCEL 9
BEAVERDAM ACRES - SEC 9
ZONED: A-3

N/E ASH
ZONED: A-3

PARCEL B-2

PARCEL B-1

CURVE DATA						
NO.	RAD.	DELTA	TAN.	ARC	CHD	CHD BRG.
1	244.18'	61°50'29"	146.26'	263.55'	250.95'	N 08°07'21" W
2	249.18'	05°08'21"	11.18'	22.35'	22.34'	N 87°36'46" W
3	228.71'	47°37'22"	100.93'	190.10'	184.67'	N 14°46'10" W
4	223.71'	05°36'04"	10.94'	21.87'	21.86'	N 41°22'54" W

AREA TABULATION
 PARCEL B-1 15.2311 AC.
 PARCEL B-2 35.5003 AC.
 TOTAL (PARCEL B) 50.7314 AC.

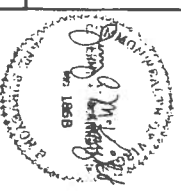
FAMILY SUBDIVISION
 PROPERTY OF
EDWARD M. AND CHRISTINE R. JOHNSON
 MERCER MAGISTERIAL DISTRICT
 LOUDOUN COUNTY, VIRGINIA

WALTER L. PHILLIPS
 INCORPORATED
 CIVIL ENGINEERS
 LAND SURVEYORS
 PLANNERS
 207 PARK AVENUE
 FALLS CHURCH, VIRGINIA 22046
 (703) 532-9193

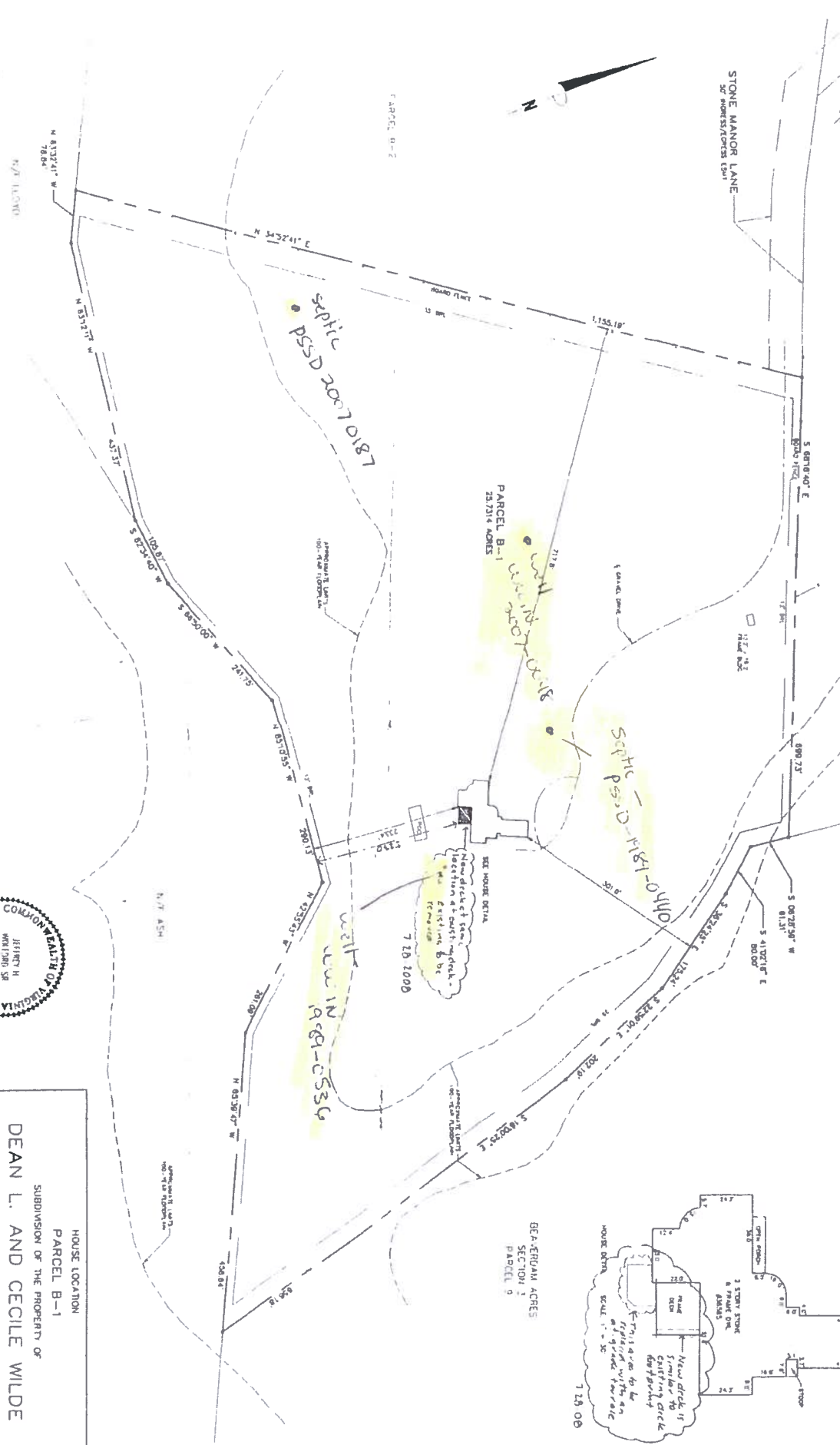
Scale T=200'

5-10-90 ADDED/TEMPORARILY

Date 12-6-89 Sheet 2 of 2



SUBDIVISION OF THE PROPERTY OF
 CHARLDO D AND AUDREY R WARREN
 PARCEL A-7A



NOTES:
 THIS SURVEY WAS PREPARED WITHOUT THE BENEFIT OF A TILE REPORT AND
 THEREFORE MAY NOT NECESSARILY SHOW ALL ENCUMBRANCES ON THE PROPERTY.
 APPROXIMATE LIMITS OF 100-YEAR FLOODPLAIN SHOWN HEREON WERE INTERPOLATED
 FROM COMMUNITY PANEL NO. 51107C0215 D OF THE FEDERAL EMERGENCY MANAGEMENT
 AGENCY FLOOD INSURANCE RATE MAP FOR LOUDOUN COUNTY, VIRGINIA, DATED
 JULY 5, 2001, AND FROM INFORMATION PROVIDED BY THE LOUDOUN COUNTY
 DEPARTMENT OF MAPPING AND GEOGRAPHIC INFORMATION.

CERTIFIED CORRECT

Jeffrey H. Wolford
 JEFFREY H. WOLFORD, S.F.S.



06.7-ACRUAM ACRES
 SECTION 1
 PARCEL 9

HOUSE LOCATION
 PARCEL B-1
 SUBDIVISION OF THE PROPERTY OF
 DEAN L. AND CECILE WILDE
 BLUE RIDGE ELECTION DISTRICT
 LOUDOUN COUNTY, VIRGINIA
 SCALE 1" = 100' DATE: MARCH 8, 2003
 WOLFORD & CHEN, P.C.
 ENGINEERS - SURVEYORS - LAND PLANNERS
 PO BOX 431 (39 FT EVANS RD., N.E.) LEESBURG, VA. 20176
 PHONE (703) 777-3461, UTRPO 476 1940, FAX (703) 777-8236
 WC 208 NO. 9453

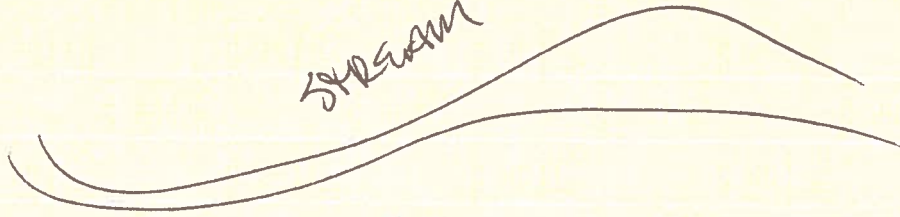
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56-16

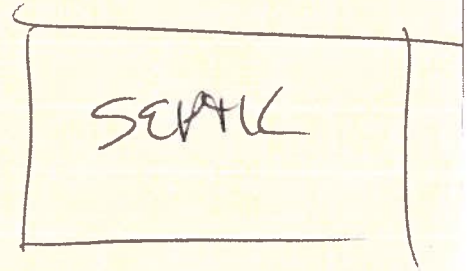
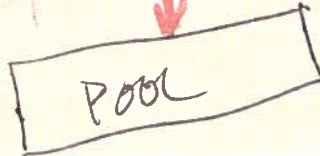
B-1

~~Johnson~~
WILDE

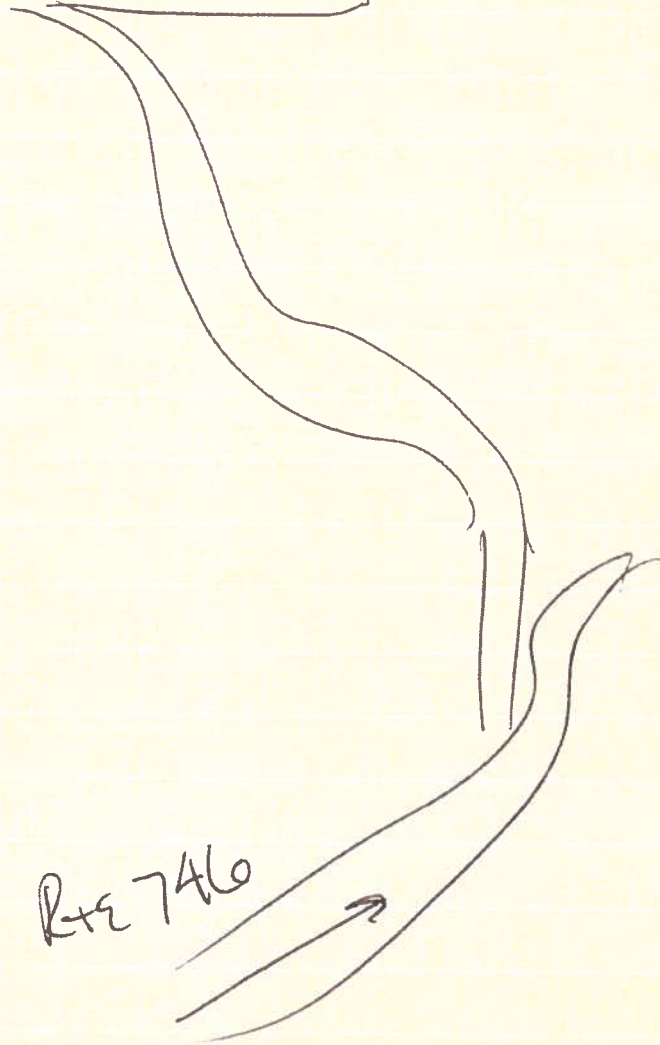
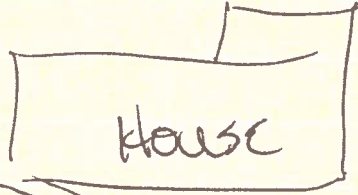
STREAM



Proposed
↓



WELL
0



Rte 746



PLUI

- (A) SKIMMER
- (B) SKIMMER
- (C) POOL BOTTOM DRAIN
- (D) RETURNS MAIN POOL
- #S 1- 1 2- 1 3- 1
- (E) SOLAR RECIRCULATION
- (F) AUTO CLEANER
- (G) SPA RETURN
- (H) SPA BOTTOM DRAIN
- (I) AIR LINE WALL

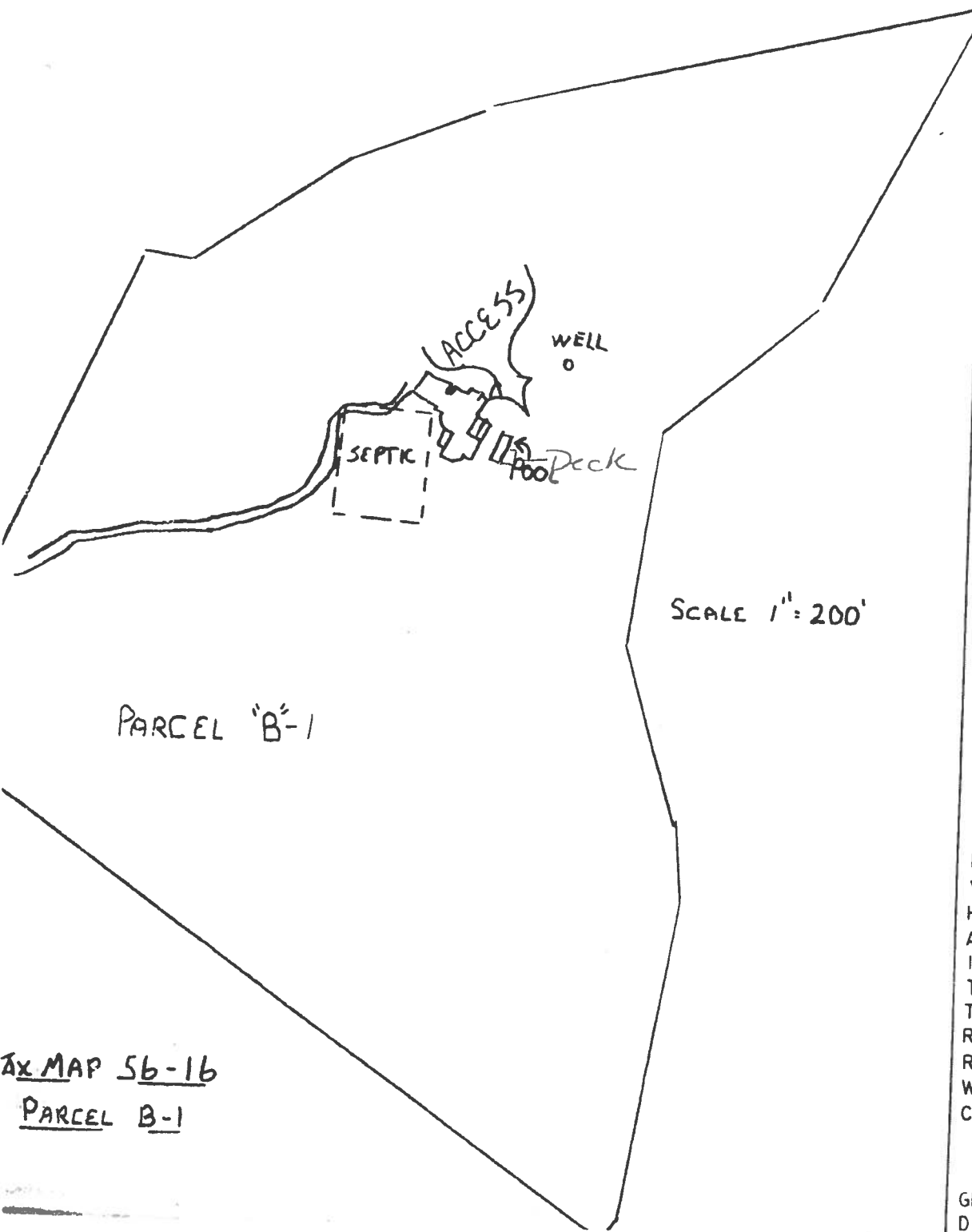
NAME: DEAN & CECILY
 SITE ADDRESS: TA

MAILING ADDRESS: PC
PAILOMIST
 RES. PH. 202-667-
 ACCT. NO.

POOL SHAPE RECTANG
 WIDTH 20
 POOL 1000
 COZY CORNER
 SPA 50
 CAPACITY (GAL.) 91
 COPING STYLE PENN.
 INT. FINISH BLACK M
 FILTER TR-140
 SKIMMERS 2
 BOTTOM DRAIN ANTIV
 LIGHT-POOL 2-500
 DIVING BOARD 10'
 VACUUM KIT
 HEATER MODEL LAARS
 AUTO-CLEANER POLARIS
 INJECTORS-SPA WALL 6
 TIME CLK. FILTER 4E
 TIME CLK. AUTO. CLNR. 4E
 ROPE RINGS 2 ROPE HC
 RAISED BOND BEAM
 WALL ON BOND BEAM
 CABLE + UTILITY NO.

S

GRADING BACK FILL
 DIRT HAUL



SCALE 1" = 200'

PARCEL "B"-1

AX MAP 56-16
PARCEL B-1



AQUIFER TEST & PUMP DATA SHEET



FOR

NOV 20 6 1988 GROUNDWATER WELLS

Loudoun County, Virginia
Division of Environmental Health

OWNER Name: <u>Edward M. Johnson</u> Lot# <u>16</u> Address: <u>P.O. BOX 274</u> <u>Philomont, VA. 22131</u> LCTM #: <u>56/16</u> Well Construction Permit #: <u>505-FSW-89</u>	CONTRACTOR Name: <u>Valley Drilling Corp. of VA.</u> Address: <u>Rt. 1 Box 6k</u> <u>Upperville, VA. 22176</u> License #: <u>W-103</u> Signature: <u>Eric Russell</u>
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Depth of Well 400'
 Distance of Measuring Point (M.P.) above ground 24"
 Static Water Level (S.W.L.) below M.P. 58'
 Type & Make of Pump: Goulds Submersible Model Number of Pump: SES07422
 Depth of Pump (Depth from M.P.): 385' Size of Pump: 3/4 HP
 Permanent or Temporary Pump Used for Test: Perm. If Permanent Attach Curve & Specs
 High Rate Pumping — reservoir drawdown
 Time pump started 10:00 A.M. Pumping rate 8-2.5 gpm
 Total time 5.25 hrs. to reach pumping water level 363 ft. below M.P.

TIME (CHRON.)	WATER LEVEL Below M.P.	PUMPING RATE 5 Time to fill gal. bucket seconds/minutes	FLOW METER READING (if used)	CALCULATED FLOW (gallons per min.)
11/14/89				
10:00 A.M.	58'	37		8
10:15	113'	40		7.5
10:30	163'	43		7.0
10:45	208'	46		6.5
11:00	248'	50		6.0
11:15	283'	60		5.0
11:30	308'	60		5.0
11:45	333'	75		4.0
12:00	348'	75		4.0
12:15	363'	120		2.5
12:30	363'	120		2.5
12:45	363'	120		2.5
1:00	363'	120		2.5
1:15	363'	120		2.5
1:30	363'	120		2.5
1:45	363'	120		2.5
2:00	363'	120		2.5
2:15	363'	120		2.5
2:30	363'	120		2.5
2:45	363'	120		2.5

ORIGINAL

