

LAYOUT 11-15-02 1-2pm INSP 4 _____
INSP 2 11/19/02 2PM INSP 5 _____
INSP 3 10/9/03 2:30 INSP 6 _____

ISSUE DATE: 11/8/2002

APPROVAL DATE: 10/9/03

PERMIT INDEXED

P 517992

A 58128-B

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

05-435498

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Cliffton Link LOT NUMBER: 9

ADDRESS: 13520 Nichols Drive PROPERTY OWNER: Michael J. Barnes

SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED
~~214~~

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 280 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be <u>3.0</u> feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box midway between the two upper corner easement (as shown on the building permit plan). Run trenches on contour in both directions.
NOTES:	

PLANS APPROVED: Brian Baker OK 4/26/02 (SC) DATE: 4/12/2002

NOTES: PERMIT VOID AFTER 2 YEARS
CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS
WATERTIGHT SEPTIC TANKS REQUIRED
ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED
MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED
CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

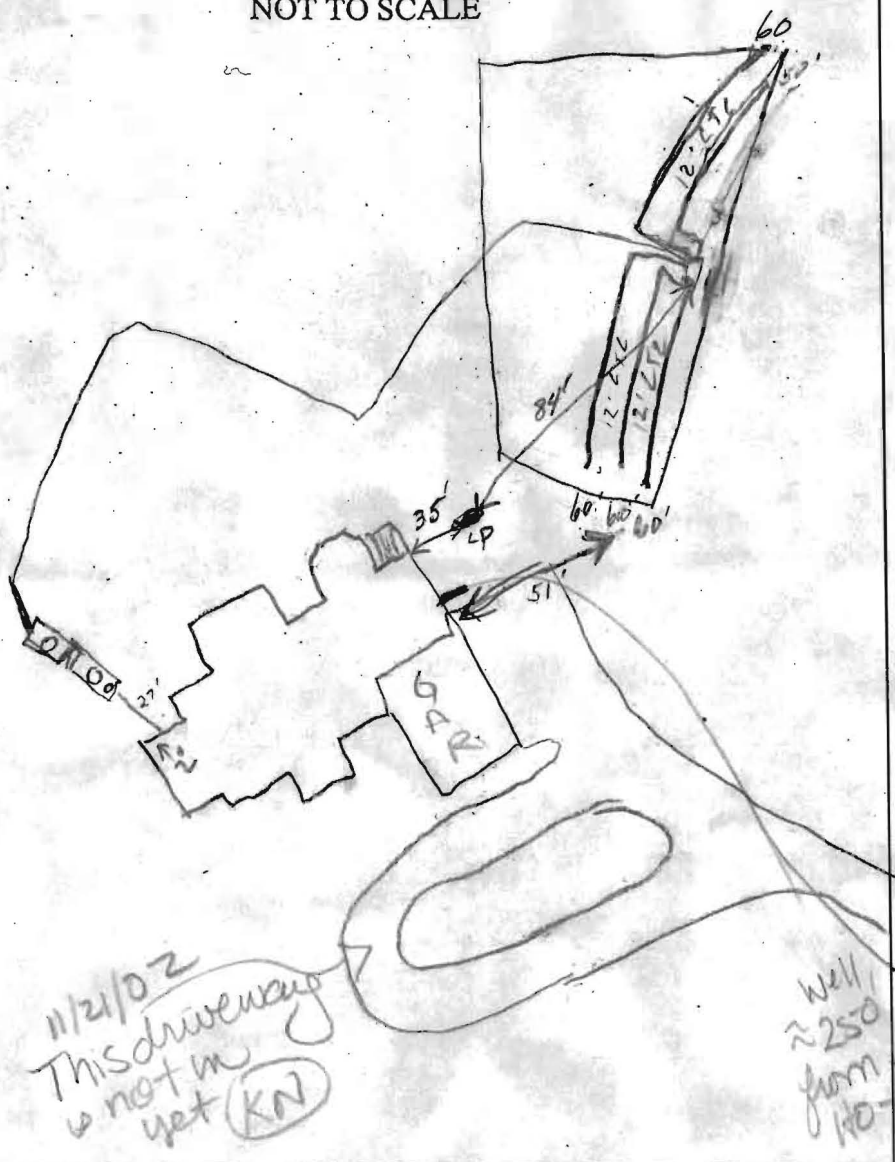
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS
RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM
PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT
ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
BUILDING PERMIT SIGNED
AND RETURNED**

10/10/2003 300142323 1000 gal LG PROPANE TANK

58128-B

P517992

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4'	6'
NUMBER OF TRENCHES		5
TOTAL LENGTH		290'
ABSORPTION AREA		8704
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		?

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3.5'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	—
SEPTIC TANK 2 LEVEL	✓
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Center
6" PORT LOC	—
WATERTIGHT TEST	—

NICHOLS DRIVE

ROAD

PRE-CONSTRUCTION 11/15/02 - DUE TO STAFFING CONFLICTS, LAYOUT DISCUSSED W/ INSTALLER AT PREVIOUS SITE, INSTALLER (KENNY MAYNE) REPORTS CONTOUR PER PLAN & SDA STAKED. OK TO RUN PUMP LINE NOT PER PLAN FOR EASIER INSTALLATION, SEE PLAN (SRK)

INSTALLATION 11/19/02 Tanks set, Trenches installed OK to cover. Digging pressure dosing line. Contractor will call w/ measurements. Pump & Alarm tests needed (SO) 11-21-02 Check pitless adapter. (KN) 10/9/03 Pump & alarm test OK (KN/KB)

FINAL INSPECTOR Racii Norman

DATE OF APPROVAL 10/19/03

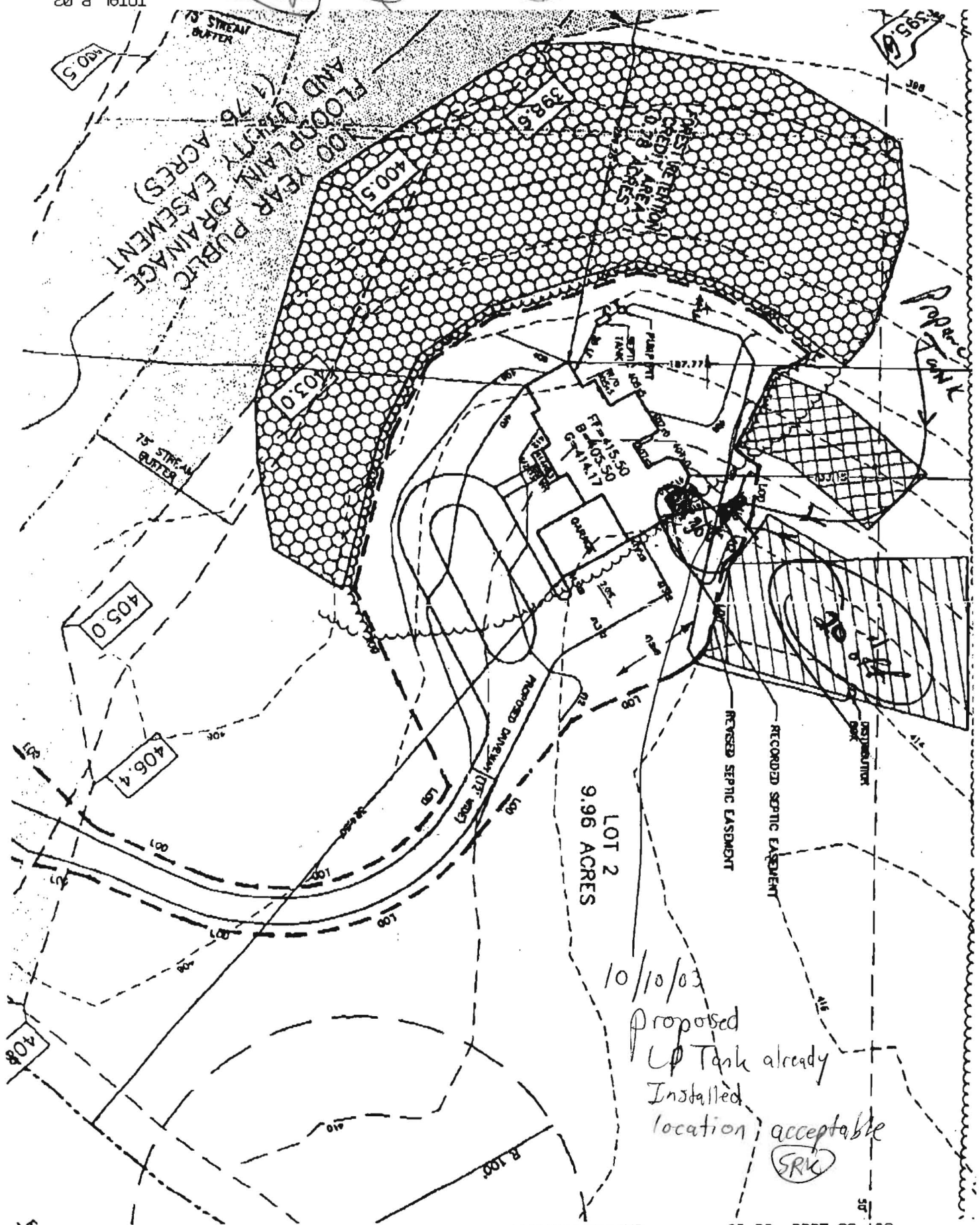
BUILDING PERMIT SIGNED

10/9/03
Permit signed

Tank in ground

NOT

TOTAL P.02



10/10/03

Proposed
LP Tank already
Installed
location acceptable

SRK

P.02/02

UNITED PROPANE

DCT-08-2003 13:19

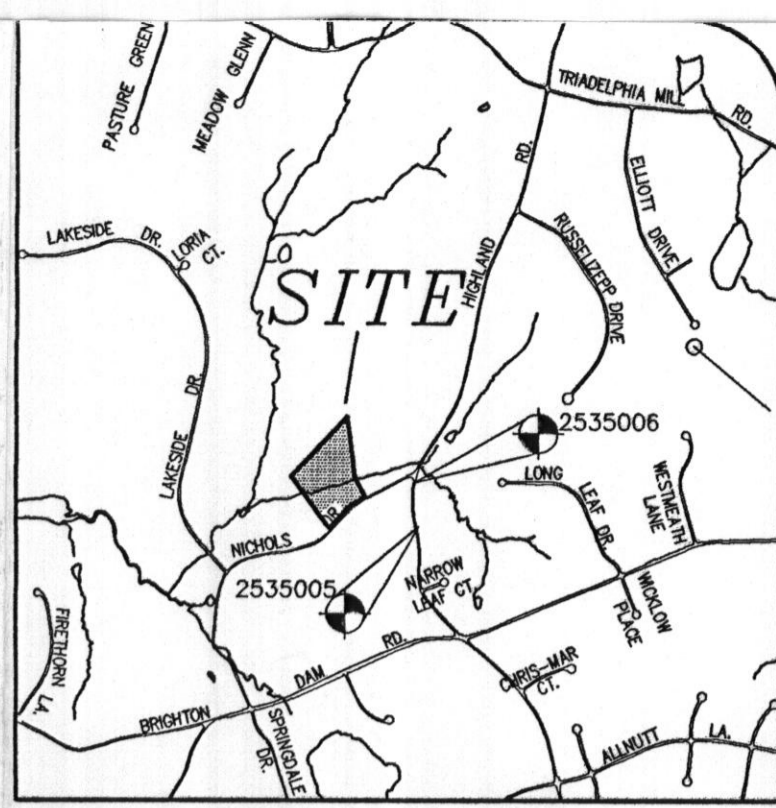
NOT TO BE ALTERED

THOMAS E. MCGUNIGAL
PARCEL 303
L 724 F 578

RC-DEC

Future Sand
Mound Area
Repair

N 43°11'32" E 849.21'



VICINITY MAP

SCALE 1"=2000'

Project	date	description	no.
98035	JAN 2002	REVISED LAYOUT OF SEPTIC SYSTEM & ADDED AREA TO THE CONVENTIONAL SEPTIC EASEMENT	1
illustration	engineering	scale	date
KR/SJD	KR/SJD	1"=60'	4/11/02
approval			

LOT 1
CLIFTON C. LINK PROPERTY
PLAT #3720
RC-DEC

REST RETENTION
CREDIT AREA
78 ACRES

RECORDED SEPTIC EASEMENT
Total linear feet of trench
REVISED SEPTIC EASEMENT required **285** feet

Width of trench(es) **3.0** feet

Depth of trench(es) **6.0** feet

Depth of stone required below
distribution pipe **2.0** feet

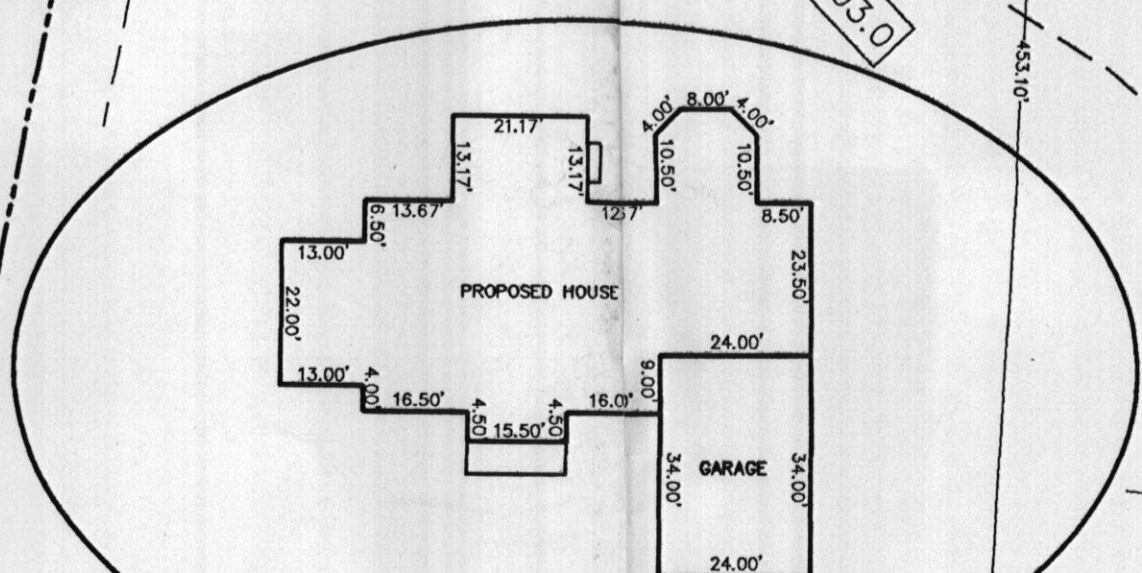
FS2
FOREST RETENTION
CREDIT AREA
0.29 ACRES

LOT 6

Approved Septic System Plan
Howard County Health Department

Brian Baker 4/11/02

100 YEAR PUBLIC
FLOODPLAIN DRAINAGE
AND UTILITY EASEMENT
(7.2 ACRES)



BUILDING DIMENSIONS

SCALE
1"=30'

N42°59'57"E 284.39'

NICHOLS DRIVE
(60' RIGHT OF WAY - PUBLIC, LOCAL)

LOTS 6 AND 7 A RESUBDIVISION
OF LOTS 4 AND 5
CLIFTON C. LINK PROPERTY
PLAT #4196

RC-DEC

NOTE: LOT SIZE EXCEEDS 2 ACRES, THEREFORE
STANDARD SEDIMENT CONTROL PLAN SHALL
BE USED.

FLOODPLAIN BASED ON APPROVED FLOODPLAIN
STUDY UNDER F 00-62.

SEPTIC SYSTEM DATA

FIRST FLOOR EL.	417.66
BASEMENT EL.	407.66
INV. OUT OF HOUSE	404.62
INV. IN SEPTIC TANK	404.12
INV. OUT SEPTIC TANK	403.87
INV. IN PUMP PIT	403.77
EXIST EL. SEPTIC TANK	406.4
PROP EL. SEPTIC TANK	406.0
EXIST EL. PUMP PIT	406.3
PROP EL. PUMP PIT	405.8
EXIST EL. DIST. BOX	414.1
INV. IN DIST. BOX	412.0

* FORCE MAIN REQUIRED FROM
PUMP PIT TO DISTRIBUTION BOX

CLIFTON C. LINK PROPERTY
16520 NICHOLS DRIVE
TAX MAP 34 - PARCEL 386 - LOT 2
FIFTH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
PLOT PLAN

MILDENBERG,
BOENDER & ASSOC., INC.
Engineers Planners Surveyors
5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 987-0236 Fax. (301) 681-5521 Wash. (410) 987-0238 Fax.