

LAYOUT 8/23/04-11 AM INSP 4 _____
 INSP 2 8/24/04 INSP 5 _____
 INSP 3 9/10/04 INSP 6 _____

ISSUE DATE: 6/30/2004

P 520754

APPROVAL DATE: 10/26/04

A 511441-J

PERMIT INDEXED

RPS#
334716

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

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL ALTER
 ADDRESS: 580 Obrecht Road, Sykesville PHONE NUMBER: 410-795-5670
 SUBDIVISION: The Estates @ Sandhill LOT NUMBER: 34
 ADDRESS: 11921 Mekenie Court PROPERTY OWNER: Oak Hill Properties, LLC
 SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED
 PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED
 NUMBER OF BEDROOMS: 4
 SQUARE FEET PER BEDROOM: 180
 LINEAR FEET OF TRENCH REQUIRED: 120 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 3.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box at the highest elevation in the SDA as shown on the approved building permit plan.
NOTES:	Public Water

PLANS APPROVED: Kevin Bell Reviewed by: _____ DATE: 3/23/04

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

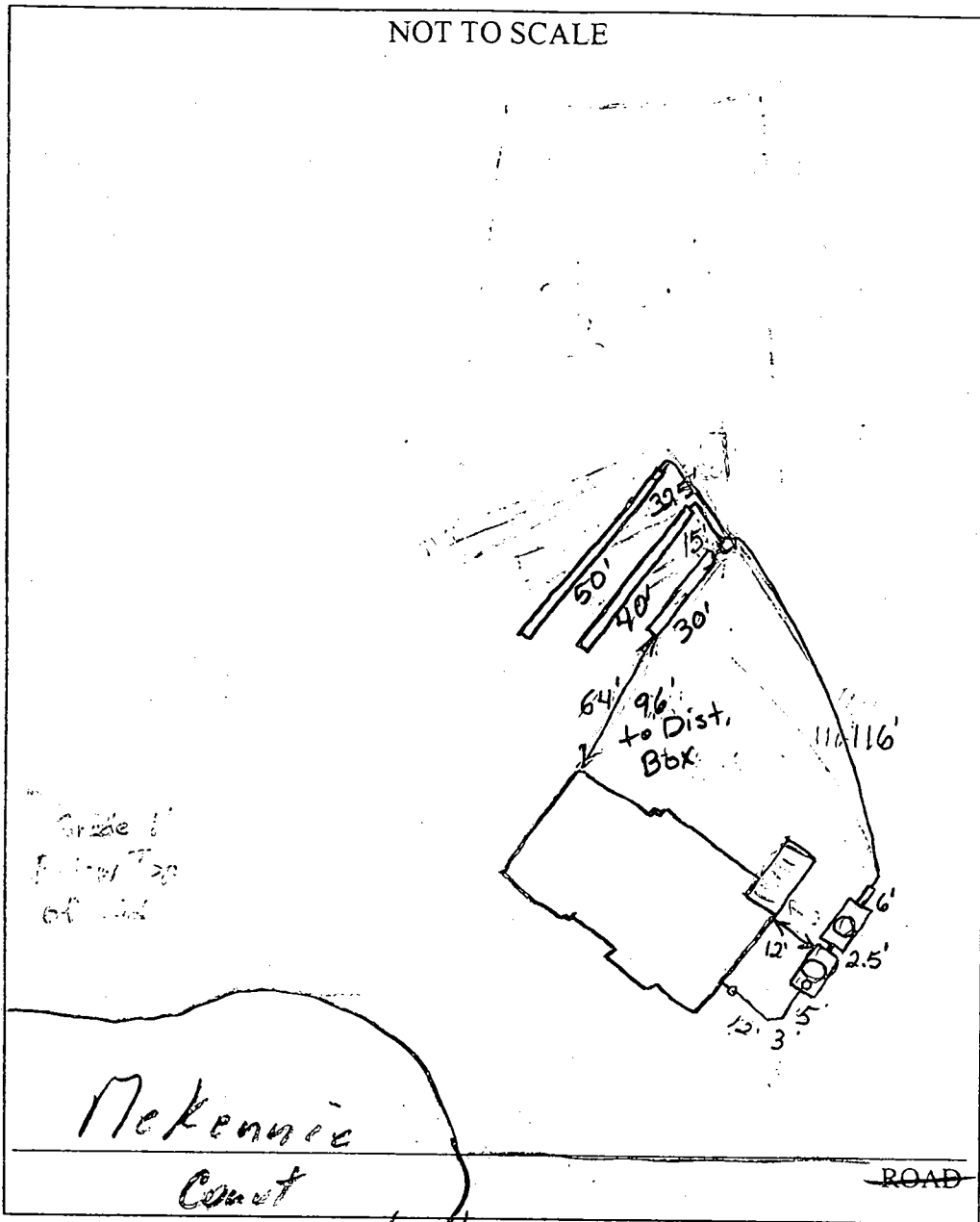
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

A511441-J

NOT TO SCALE

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	6'
NUMBER OF TRENCHES		3
TOTAL LENGTH		120'
ABSORPTION AREA		360' + Sidewall
DISTRIBUTION BOX LEVEL		Levelers
DISTRIBUTION BOX BAFFLE		Elbow
DISTRIBUTION BOX PORT		Yes

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input type="checkbox"/>

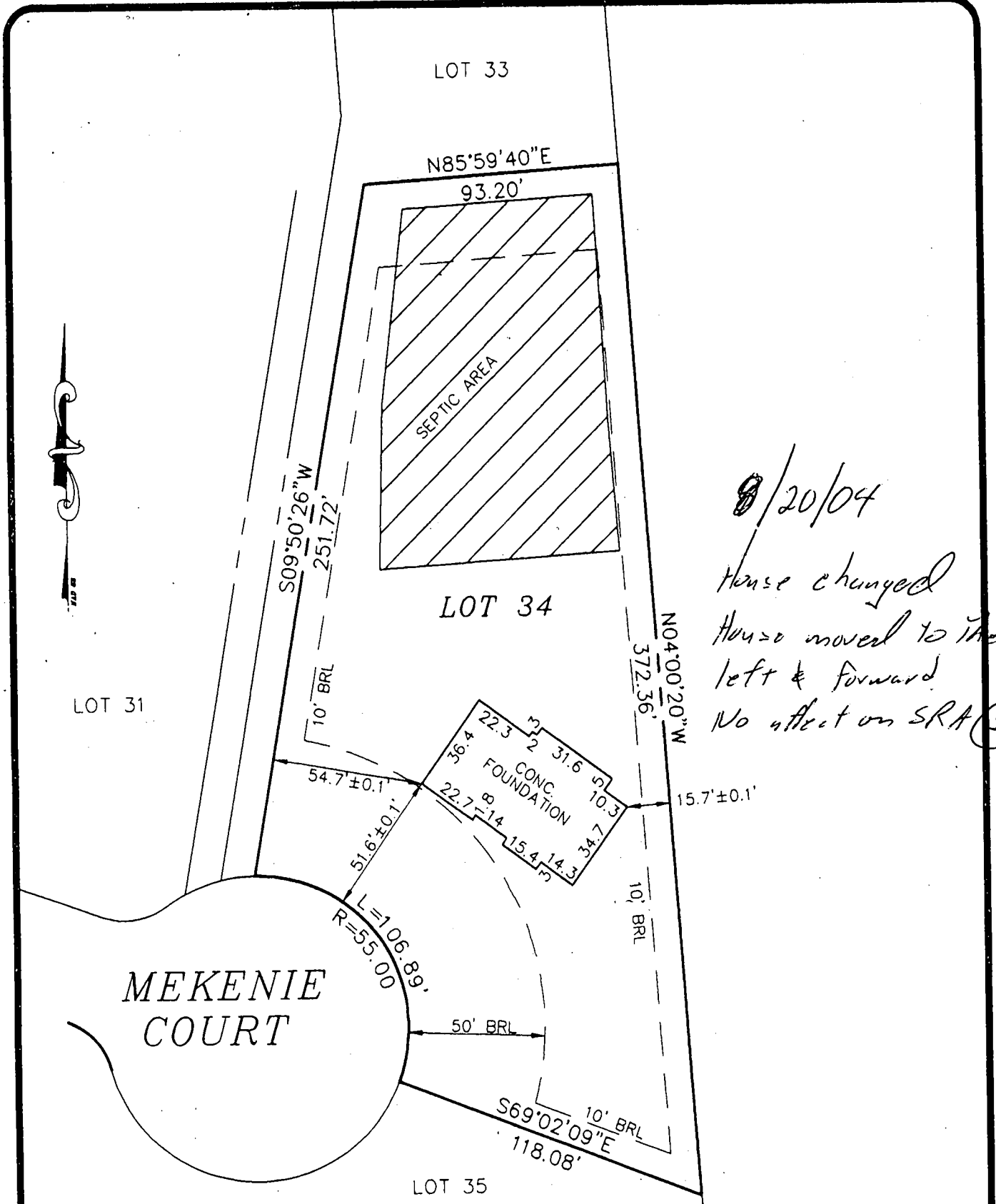


PRE-CONSTRUCTION 8/23/04 - SBA staked, contour accurate, install 30'x40'x60" trench on contour. ST & PT set. Bm. Wa wanted P.T. (SO)

INSTALLATION 8/24/04 System finished. O.K. to cover. There is 4' of cover over the septic tanks. Final grading should remove some of the cover over the tanks. Manhole lids are 4' above top of tanks. (BB) 9/10/04 No pump installed. (BB) 10/26/04 About 3' of cover over tanks. Pumps and alarm working (BB)

FINAL INSPECTOR B. Baker

DATE OF APPROVAL 10/26/04



8/20/04
 House changed
 House moved to the
 left & forward
 No effect on SRA (S)

LOT 34
**THE ESTATES AT
 SAND HILL**

TOP OF WALL ELEV. = 601.3 ± 0.2'
 FIRST FLOOR ELEV. =

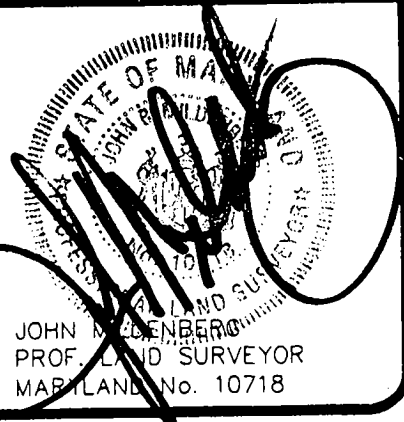
ADDRESS.: 11921 Mekenie Court

PLAT NO. 14585
 ELECTION DISTRICT NO. 3
 HOWARD COUNTY, MARYLAND

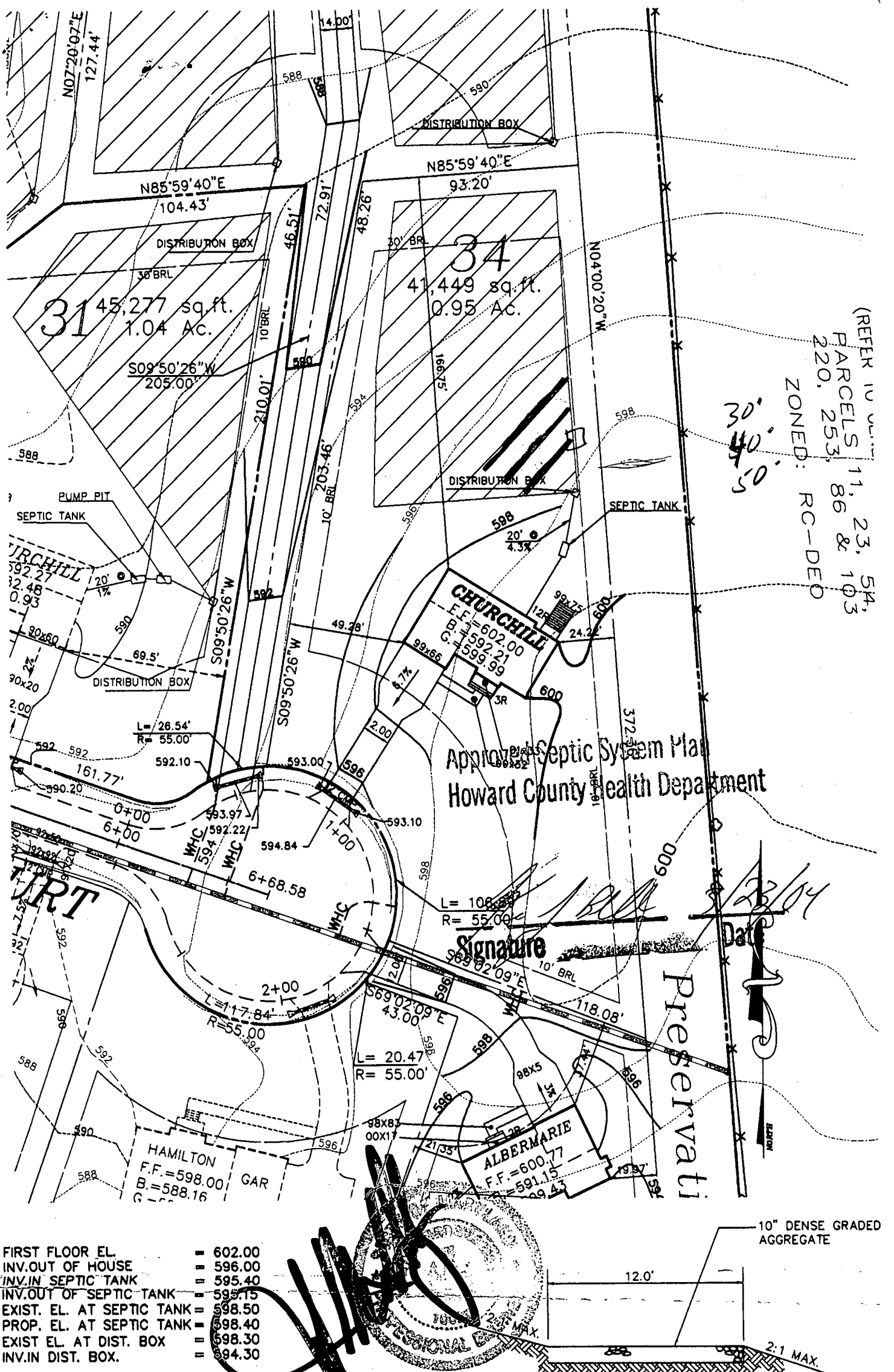
THE INFORMATION SHOWN HAS BEEN ESTABLISHED BY CURRENT
 ACCEPTABLE SURVEY PROCEDURES AND FROM AVAILABLE RECORD
 INFORMATION. THIS DRAWING IS TO BE USED FOR TITLE TRANSFER
 FINANCING, OR REFINANCING ONLY AND IS NOT TO BE USED FOR
 THE ESTABLISHMENT OF PROPERTY LINES, LOCATION OF FENCES,
 GARAGES, BUILDINGS, OR OTHER EXISTING OR FUTURE IMPROVEMENTS.

**MILDENBERG
 BOENDER, & ASSOC., INC.**

Engineers Planners Surveyors
 5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
 (410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax.



FOUNDATION	DATE: 11/25/03	FINAL	DATE: 06/29/04
DRAWN BY: T. HILL	SCALE: 1" = 50'		
PROJECT NO.: 00-074	LOCATION DRAWING		



(REFER TO SURVEY
PARCELS 11, 23, 54,
220, 253, 86 & 103
ZONED: RC-DEO

Approved Septic System Plan
Howard County Health Department

Signature

Date 2/23/04

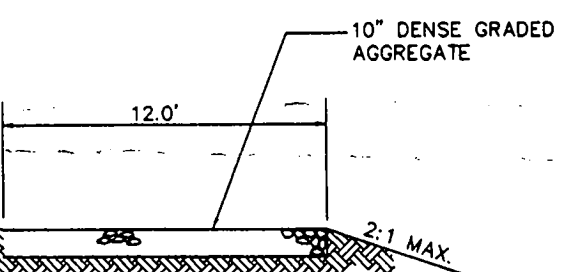
Preservati

- FIRST FLOOR EL. = 602.00
- INV. OUT OF HOUSE = 596.00
- INV. IN SEPTIC TANK = 595.40
- INV. OUT OF SEPTIC TANK = 595.15
- EXIST. EL. AT SEPTIC TANK = 598.50
- PROP. EL. AT SEPTIC TANK = 598.40
- EXIST. EL. AT DIST. BOX = 598.30
- INV. IN DIST. BOX = 594.30

G.P.# 02-07
PLAT # 14580-14585

NO GRAVITY SEWER TO BASEMENT

TYPICAL DRIVEWAY SECTION



THE ESTATES AT SAND HILL

PLOT PLAN LOT # 34
11921 MEKENIE COURT

ELECTION DISTRICT: 3	TAX MAP: 16	HOWARD COUNTY, MARYLAND
DRAWN BY: MMT	SCALE: 1"=50'	DATE: MARCH 4, 2004

**MILDENBERG,
BOENDER & ASSOC., INC.**
Engineers Planners Surveyors

5072 Dorsey Hall Drive, Suite 202, Ellicott City, Maryland 21042
(410) 997-0296 Balt. (301) 621-5521 Wash. (410) 997-0298 Fax

**HOWARD COUNTY
PERMIT APPLICATION**

PERMIT NUMBER

Permit # 16900 KB

Building Address 11721 MERKURIE COURT
POWERSVILLE MD 21104
Suite/Apt. #: _____ SDP/WP/Petition #: _____
Census Tract 11720 Subdivision WOODHILL
Section _____ Area _____ Lot 247A
Tax Map 116 Parcel 3 Grid 2
Zoning R-100 Map Coordinates 1062 Lot size 11,115 sq ft

Property Owner's Name _____
Address _____
City Oak Hill Properties, L.L.C. State _____ Zip Code _____
5305 Jefferson Pike
Home Phone 301-473-7143 Fax _____
Applicant's Name & Mailing Address, (if other than stated hereon):
Phone _____ Fax _____

Existing Use VACANT LOT
Proposed Use NEW HOME
Estimated Construction Cost \$ 25,000
Description of Work CONSTRUCT A CHIMNEY
2 1/2" DIA. BRICK CHIMNEY FROM 2ND FLOOR
TO 11'0" CP (BASELINE 10'0")

Contractor Company _____
Contact Person Oak Hill Properties, L.L.C.
5305 Jefferson Pike
Address Frederick, MD 21703-6917
City _____ State _____ Zip Code _____
License No. ARR 0168
Phone 301-473-7143 Fax 301-473-7143

Occupant or Tenant Oak Hill Properties, L.L.C.
Contact Name 5305 Jefferson Pike
Address Frederick, MD 21703-6917
City _____ State _____ Zip Code _____
Phone 301-473-7143 Fax 301-473-7143

Engineer or Architect Company MILITARY
Contact Person JULIE
Address 5077 WINDSOR HALL DRIVE
City BELLEVILLE, MD State MD Zip Code 21102
Phone 301-473-7051 Fax 301-473-7051

BUILDING DESCRIPTION - COMMERCIAL

BUILDING DESCRIPTION - RESIDENTIAL

Building Characteristics
Height: _____
No. of stories: _____
Gross area, sq. ft. per floor: _____
Use group: _____
Construction type:
 Reinforced Concrete
 Structural Steel
 Masonry
 Wood Frame
 State Certified Modular

Utilities
Water Supply:
 Public
 Private
Sewage Disposal:
 Public
 Private
Electric Yes No
Gas Yes No
Heating System:
Electric Oil
Natural Gas
Propane Gas
Sprinkler system: N/A
 Full
 Partial
 Other Suppression
of Heads _____

Building Characteristics
SF Dwelling SF Townhouse
Depth Width
1st floor: 34' 5" 54' 6"
2nd floor: 30' 54' 6"
Basement: 0' 54' 6"
Finished Basement Unfinished Basement
Crawl space Slab on Grade
No. of Bedrooms 2
Multi-family dwellings:
No. of efficiency units: _____
No. of 1 BR units: _____
No. of 2 BR units: _____
No. of 3 BR units: _____
Other Structure: _____
Dimensions: _____
Footings: _____
Roof: _____
 State Certified Modular
 Manufactured Home

Utilities
Water Supply:
 Public
 Private
Sewage Disposal:
 Public
 Private
Electric Yes No
Gas Yes No
Heating System:
Electric Oil
Natural Gas
Propane Gas
Sprinkler system: N/A
 NFPA #13D
 NFPA #13R
 Other: _____

THE UNDERSIGNED HEREBY CERTIFIES AND AGREES AS FOLLOWS: (1) THAT HE/SHE IS AUTHORIZED TO MAKE THIS APPLICATION; (2) THAT THE INFORMATION IS CORRECT; (3) THAT HE/SHE WILL COMPLY WITH ALL REGULATIONS OF HOWARD COUNTY WHICH ARE APPLICABLE THERETO; (4) THAT HE/SHE WILL PERFORM NO WORK ON THE ABOVE REFERENCED PROPERTY NOT SPECIFICALLY DESCRIBED IN THIS APPLICATION; (5) THAT HE/SHE GRANTS COUNTY OFFICIALS THE RIGHT TO ENTER ONTO THIS PROPERTY FOR THE PURPOSE OF INSPECTING THE WORK PERMITTED AND POSTING NOTICES.

Applicant's Signature _____
Title/Company _____

Print Name Kevin Roberts
Date 7-19-2004

Checks payable to: **DIRECTOR OF FINANCE OF HOWARD COUNTY**
** PLEASE WRITE NEATLY AND LEGIBLY **
FOR OFFICE USE ONLY

AGENCY DATE SIGNATURE APPROVAL
 Land Development, DPZ
 State Highways
 Building Official _____

Fire Department _____
Is Sediment Control approval required prior to issuance?
YES NO

CONTINGENCY CONSTRUCTION START:
ONE STOP SHOP:

DPZ SETBACK INFORMATION
Front: _____
Rear: _____
Side: _____
Side Setback _____
All minimum setback _____
YES NO
Is Entrance Permit required?
YES NO
Historic District?
YES NO
Lot Coverage for NewTown Zone _____
SDP/Red-line approval date _____

PROPERTY ID: 41333
Filing fee \$ 11.00
Permit fee \$ _____
Excise tax \$ _____
Add'l. per. fee \$ _____
TOTAL FEES \$ _____
Sub-total paid \$ _____
Balance due \$ _____
Check # 7325
Validation # _____

Accepted by _____

Distribution of Copies - White: Building Official Green: LDD, DPZ Yellow: DED, DPZ Pink: Health Gold: SHA

APPLICATION

PERCOLATION TESTING

A 511435

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 313-2640

DISTRICT _____

DATE 2/24/99

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER R. Jeanette Miller, Trustee; Clyse Day Pendleton, Et Al

ADDRESS 14965 Frederick Road, Woodbine, MD 21797 PHONE _____

AGENT OR PROSPECTIVE BUYER Oak Hill Properties, LLC; Attn: Mr. Kevin Rogers

ADDRESS 107 Loudoun Street, SE, Leesburg, VA. 20175 PHONE 703 443 0400

PROPERTY LOCATION:

DIVISION Sand Hill Property LOT NO. 1 though 78

ROAD AND DESCRIPTION East side intersection of Sand Hill Road and Mt. View Road

TAX MAP 16 PARCEL # 3

SIZE OF LOT 40,000 to 60,000 S.F. TYPE BLDG. Single Family Dwelling
(SINGLE FAMILY DWELLING OR COMMERCIAL)

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE. I FULLY UNDERSTAND THE FEE CONNECTED WITH THE FILING OF THIS PERC TEST APPLICATION IS NON-REFUNDABLE UNDER ANY CIRCUMSTANCES. I ALSO AGREE TO COMPLY WITH ALL M.O.S.H.A. REQUIREMENTS IN TESTING THIS LOT. Oak Hill Properties, LLC
Kevin B. Rogers
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

COUNTY #

SOIL PROFILE
41h

red
orange
SiCLM

bright
orange
SiSALM
5%
Shale

41M

red
brown
SiCLM

bright
orange
SALM

20%
decayed
shale
micaceous

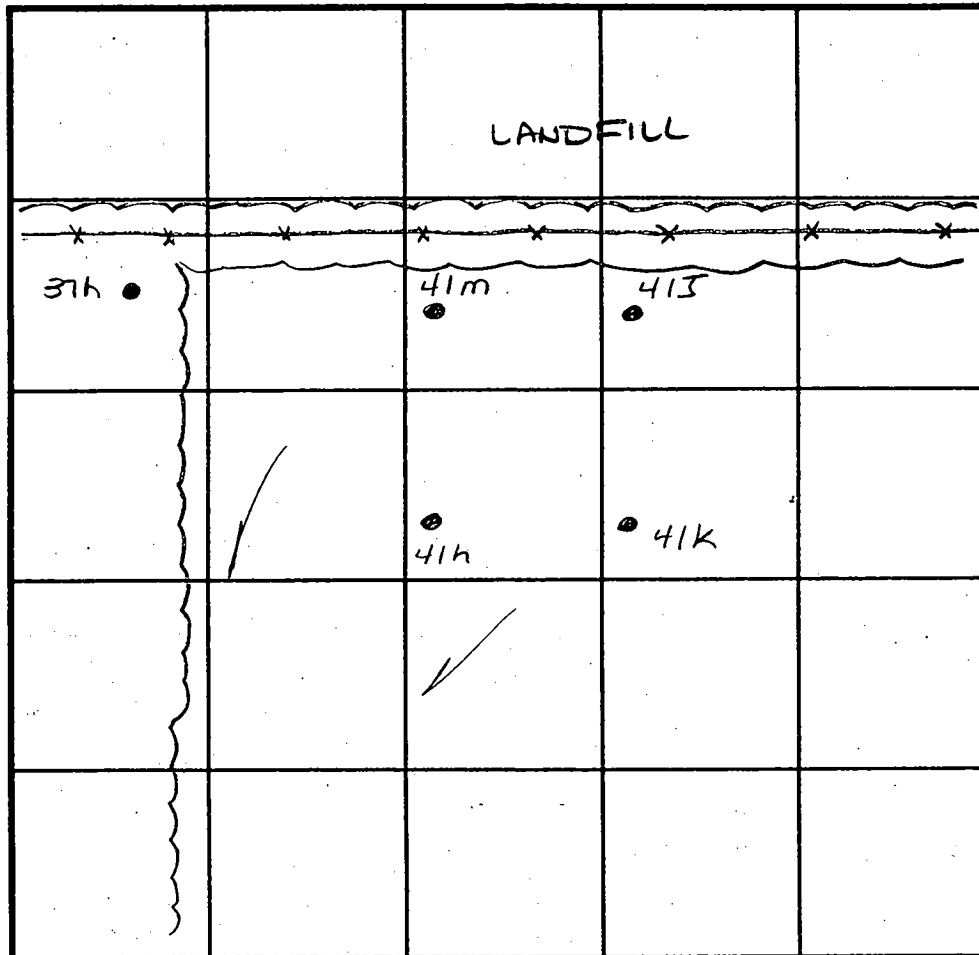
refusal

41j 37h

red
brown
SiCLM

bright
orange
brn
SALM
5% Rx

bright
or
SALM
20%
Rx



SOIL PROFILE
41k

bright
red
SiCLM

bright
red
orange
SALM

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/4/99	41h	3.5 √12.0	1:43	1:46	1:46	1:50	4min
	41m	3.0 √10.0	1:52	1:54	1:54	1:56	2min
	41j	3.5 √11.0	2:00	2:01 ³⁰	2:01 ³⁰	2:04	2 1/2 min
		7.5 √11.0	2:01	2:02 ³⁰	2:02 ³⁰	2:04 ³⁰	2min
	41k	Visual	to 12.0 - see profile			—	OK
5/5/99	37h	3.0 √12.0	10:29	10:30	10:30	10:31	1min

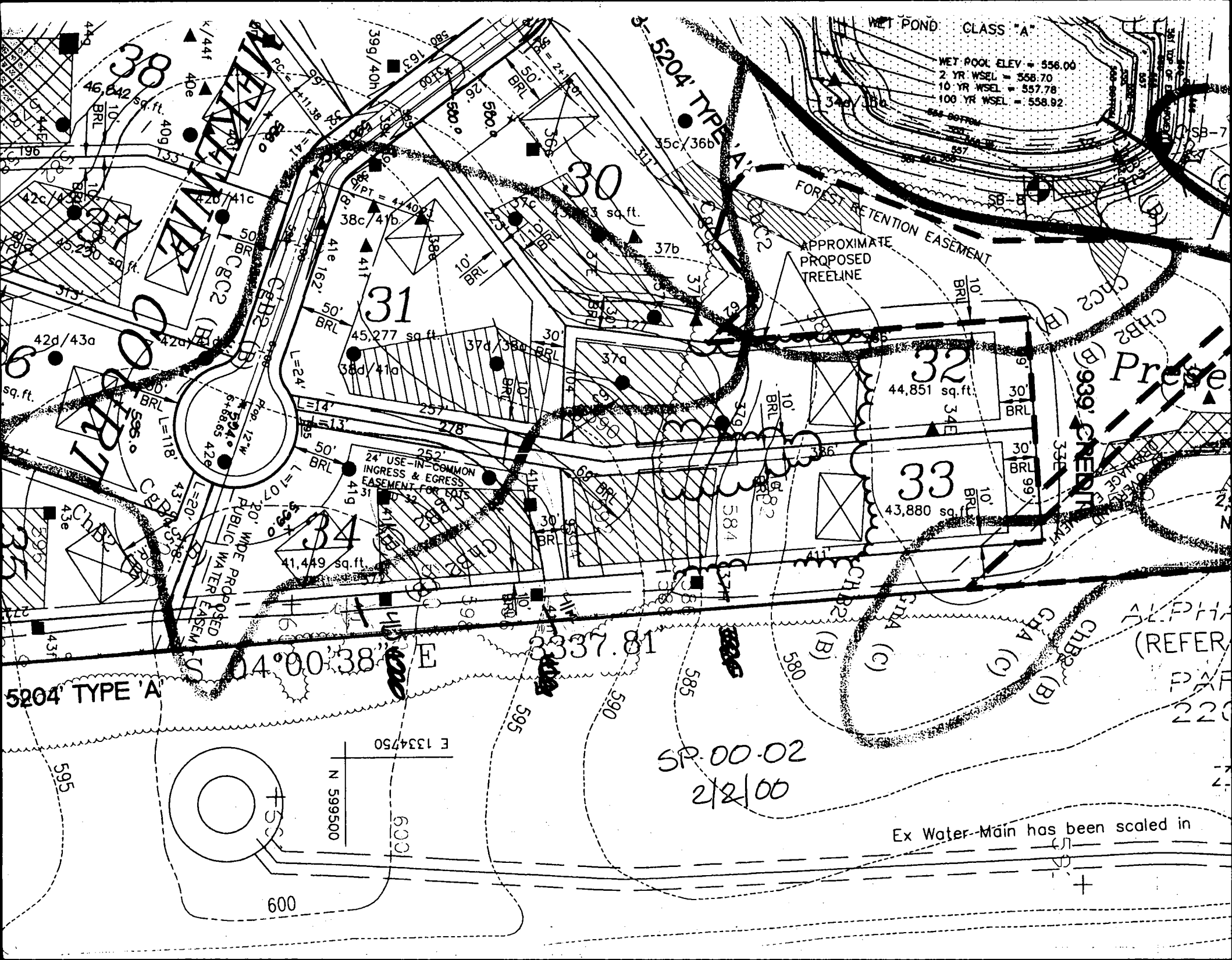
REMARKS _____

TYPE OF SOIL _____

TESTED BY Amy McMillen ALSO PRESENT _____

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____



WET POND CLASS "A"

WET POOL ELEV = 556.00
 2 YR WSEL = 558.70
 10 YR WSEL = 557.78
 100 YR WSEL = 558.92

31

32

33

24' USE-IN-COMMON
 INGRESS & EGRESS
 EASEMENT FOR LOTS

SP.00-02
 2/2/00

Ex Water Main has been scaled in

5204' TYPE 'A'

S 04° 00' 38" E

E 1334750
 N 599500

ALPHA
 (REFER

220

27

600

30

30

30

30

30

30

30

30

30

444

46

42c/43b

42d/43a

42a/43a

43e

43f

43g

43h

43i

43j

43k

43l

43m

43n

43o

43p

k/44f

40e

40f

40g

40h

40i

40j

40k

40l

40m

40n

40o

40p

40q

40r

40s

40t

399/40h

399/40i

399/40j

399/40k

399/40l

399/40m

399/40n

399/40o

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Howard County
Health Department

3525 H Ellicott Mills Drive, Ellicott City, MD 21043
(410) 313-1771 Fax (410) 313-2648
TDD (410) 313-2323 Toll Free 1-866-313-6300
website: www.hchealth.org

Penny E. Borenstein, M.D., M.P.H., Health Officer

October 26, 2004

Oak Hill Properties, LLC
5305 Jefferson Pike
Frederick, MD 21703

SENT VIA FAX TO 301-473-7143

RE: The Estates at Sandhill, Lot 34
11921 Mekenie Court
Marriottsville, MD 21104
BP# B00146900
PUBLIC WATER

Dear Sir/Madam:

This is to advise you that the septic system for the above referenced property has been installed and inspected. **Final approval of the septic system was granted on 10/26/2004.**

The property is served by public water and is therefore exempt from the Health Department water sampling requirements.

By issuance of this letter, this office recommends release of the Use and Occupancy permit for the referenced property.

Approving Authority,

Brian Baker, R. S.
Well & Septic Program

mlb
cc: Building Inspector's Office
File