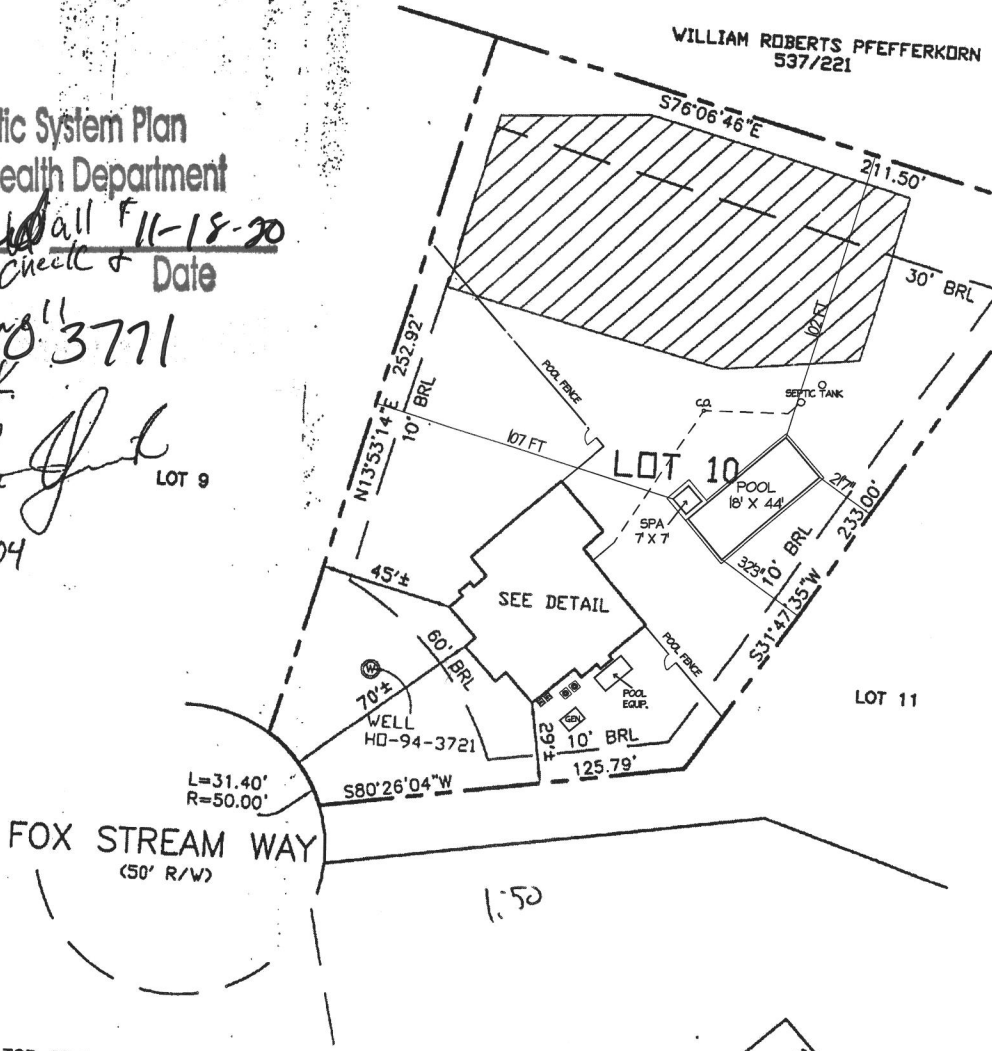


Approved Septic System Plan  
Howard County Health Department

*Dona Bernard* 11-18-20  
Signature Check & Date

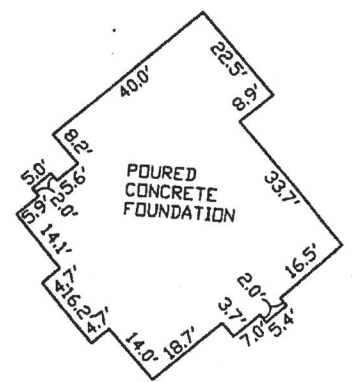
B-2080-3711  
O.K.

*Pete*  
LOT 9  
12-29-04



TOP OF FOUNDATION WALL ELEVATION = 541.0'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

**SURVEYOR'S CERTIFICATE**  
I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 12/10/04; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY DAFT, McCUNE, WALKER, INC. ENTITLED "FOX MEADOW LOTS 1 THROUGH 12", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 16865



~FOUNDATION DETAIL~  
SCALE: 1" = 30'



*David M. Harris*  
DAVID M. HARRIS  
REGISTERED PROFESSIONAL LAND SURVEYOR  
MD REG. No. 10978  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
RECORD PLAT No. 16865  
FEMA FIRM No. 240044 0015 B  
ZONE: C  
DATED: 12/04/86  
**BENCHMARK ENGINEERING, INC.**  
4840 BALTIMORE NATIONAL PIKE & SUITE 518  
ELICOTT CITY, MARYLAND 21043  
PHONE 410-465-8100 & FAX 410-465-8944  
EMAIL: Benchmark@bme.com

WALL CHECK  
FOX MEADOW  
LOTS 1 THROUGH 12  
LOT No. 10  
13627 FOX STREAM WAY  
3RD ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 50' DATE: 12/10/04

FOX MEADOW\DWG\16865\10.DWG, WALLCHECK, 12/13/2004 10:56:04 AM

B20003771

LAYOUT 1/4/05 - 12A INSP 4 \_\_\_\_\_  
INSP 2 \_\_\_\_\_ INSP 5 \_\_\_\_\_  
INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 12/29/04

P 521633

APPROVAL DATE: 1/4/05

A 513567-H

**PERMIT**  
**INDEXED**

03342166

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

K & K Excavating IS PERMITTED TO INSTALL  ALTER

ADDRESS: 15882 Frederick Road PHONE NUMBER: 410-442-1336

SUBDIVISION: Fox Meadow LOT NUMBER: 10

ADDRESS: 13623 Fox Stream Way PROPERTY OWNER: Northridge Development

SEPTIC TANK CAPACITY (GALLONS): 1500 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: 160 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 3.0 feet below original grade. Bottom maximum depth 5.0 feet below original grade. Effective area begins at 3.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box as shown on the approved building permit plan. Run three trenches as shown 50'/50'/60'.
NOTES:	Recommend cleanout between house and septic tank to 65'. Basement service not proposed.

PLANS APPROVED: Kacie Noonan Reviewed by: \_\_\_\_\_ DATE: 9/28/04

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

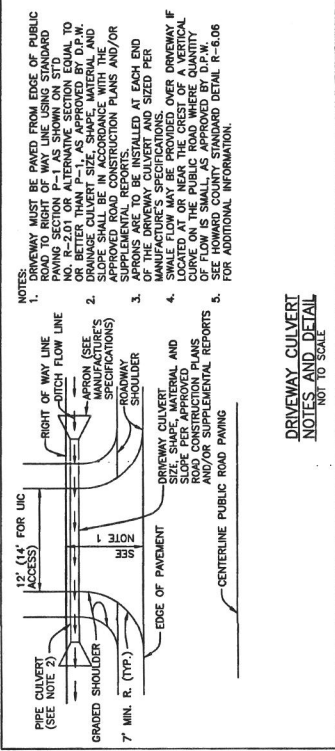
**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM**  
**PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**  
**BUILDING PERMIT SIGNED 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM**  
**AND RETURNED**

6-15-05 BOB 154438-DEUK

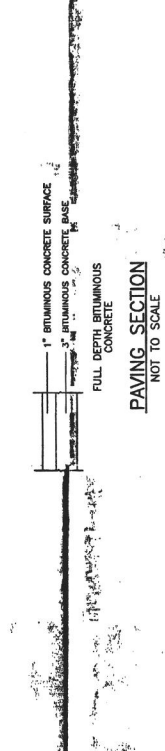
A513567-H



- NOTES:**
1. THE LOT SHOWN HEREON WAS RECORDED ON THE PLAT FOR FOX MEADOW, PLAT No. 18865.
  2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE SYSTEMS. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT ADJUSTMENTS TO THE PRIVATE SEWERAGE EASEMENT RECOMMENDATION OF A SEDIMENT AND EROSION CONTROL MEASURES APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER GP-04-88 AND MODIFIED FOR THIS SPECIFIC HOUSE.
  3. THE EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF TRENCH LAYOUT AND INSPECTION.
  4. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH ALL APPLICABLE REGULATIONS AND STANDARDS OF THE HOWARD COUNTY DEPARTMENT OF ENVIRONMENT CONTROL. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS.
  5. SEPTIC TANK FOR THIS LOT TO BE 500 GALLONS.
  6. BENCHMARK ENGINEERING, INC. AND IS ACCURATELY SHOWN.



**DRIVEWAY CULVERT NOTES AND DETAIL NOT TO SCALE**



**PAVING SECTION NOT TO SCALE**



NO.	DATE	REVISION

**BENCHMARK ENGINEERING, INC.**  
 ENGINEERS & LAND SURVEYORS & PLANNERS  
 8400 BALTIMORE NATIONAL PIKE SUITE 418  
 ELICOTT CITY, MARYLAND 21043  
 PHONE: 410-485-4105 FAX: 410-485-4844  
 EMAIL: bce@bce.com

**OWNER/BUILDER:**  
 JAMES H. SELFIDGE BUILDERS, INC.  
 14045 GARED DRIVE  
 GLENWOOD, MD 21738  
 PHONE: 410-531-8930  
 FAX: 410-531-8939

**PROJECT:**  
 FOX MEADOW LOT 10

**LOCATION:**  
 13823 FOX STREAM WAY  
 WEST FRIENDSHIP, MD 21784  
 TAX MAP No. 15, BLOCK Nos. 13, 9 & 20 - PAGES No. 167  
 3rd ELECTION DISTRICT, HOWARD COUNTY, MARYLAND

**TITLE:**  
 PERMIT PLAN

**HOUSE TYPE:**  
 HOWES RESIDENCE

**DATE:**  
 SEPTEMBER, 2004

**SCALE:**  
 1" = 30'

**PROJECT NO.:**  
 1743

**DRAWING NO.:**  
 1 OF 1

**DESIGN:**  
 JMC DRAFT: JMC

C1 0787

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 45 DAYS AFTER WELL IS COMPLETED.

COUNTY NUMBER 13 513567

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 180

OK SRK 11/7/03

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94 3721

OWNER NORTHRIDGE DEVELOPMENT STREET OR RFD FOX STREAM WAY TOWN GLENELL SUBDIVISION FOX MEADOW SECTION LOT 810

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Top Soil, Sandy, Sand Stone, MICKA, Sand Stone, MICKA, Sand Stone, MICKA.

GROUTING RECORD: WELL HAS BEEN GROUTED, TYPE OF GROUTING MATERIAL (CM, BC), NO. OF BAGS 17, NO. OF POUNDS 1700, GALLONS OF WATER 102, DEPTH OF GROUT SEAL 304

CASING RECORD: MAIN CASING TYPE PL, Nominal diameter 6, Total depth of main casing 50

OTHER CASING (if used) table with diameter and depth columns.

SCREEN RECORD: screen type or open hole (ST, BR, HO, PL, OT)

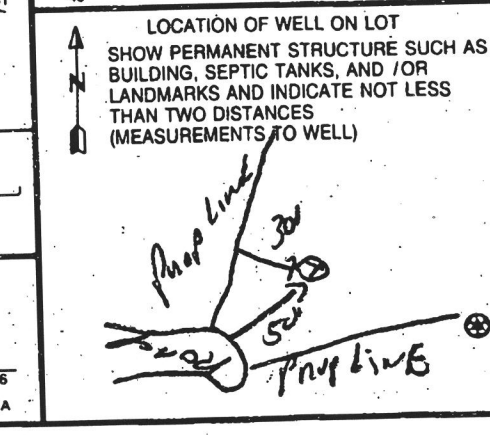
DEPTH (nearest ft.) table with rows 1-5 and columns 8-21, 23-36, 38-51. Values include 48, 180.

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED 3, PUMPING RATE 12, METHOD USED TO MEASURE PUMPING RATE bucket, WATER LEVEL BEFORE PUMPING 35, WHEN PUMPING 43, TYPE OF PUMP USED S (submersible)

PUMP INSTALLED: DRILLER INSTALLED PUMP YES, TYPE OF PUMP INSTALLED PLACE (S), CAPACITY: GALLONS PER MINUTE 31-35, PUMP HORSE POWER 37-41, PUMP COLUMN LENGTH 43-47, CASING HEIGHT 48, LAND SURFACE 2



NUMBER OF UNSUCCESSFUL WELLS: 0, WELL HYDROFRACTURED Y, CIRCLE APPROPRIATE LETTER (A, E, P), I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04, DRILLERS LIC. NO. M SD 112, DRILLERS SIGNATURE, LIC. NO. M D, SITE SUPERVISOR

Page \_\_\_\_\_ of \_\_\_\_\_  
 Date Aug 25 2003

Review OK SRK  
11/7/03

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3721  
 Location of property (road) FOX STREAM WAY  
 Subdivision FOX MEADOW Lot 810 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller R. Mayne Owner Northridge

Depth of well 180 ft  
 Distance of measuring point (M.P.) above ground 2 ft  
 Static water level (S.W.L.) below M.P. 35 ft

I. High rate pumping -- reservoir drawdown

Time pumping started 8:00 Pumping rate 12 Gpm  
 Total time 15 min to reach pumping water level 43 ft. below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes

TIME (in 15 minute intervals)	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
8:00	35 ft	5 Sec		12 Gpm
			TEST Started	
8:15	43 ft	5 Sec		12 Gpm
8:30	43 ft	5 Sec		12 Gpm
8:45	43 ft	5 Sec		12 Gpm
9:00	43 "	5 "		12 "
9:15	43 "	5 "		12 "
9:30	43 "	5 "		12 "
9:45	43 ft	5 Sec		12 Gpm
10:00	43 ft	5 Sec		12 Gpm
10:15	43 ft	5 Sec		12 Gpm
10:30	43 "	5 "		12 "
10:45	43 "	5 "		12 "
11:00	43 ft	5 Sec		12 Gpm
11:15	43 ft	5 Sec		12 Gpm

B 1 9153 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL 518603 please print or type

STATE PERMIT NUMBER HO 94 3721 fill in this form completely

Date Received (APA) 04/02/03 OWNER INFORMATION North Ridge Development LLC 14055 FAREO DR. GLENWOOD MD. 21738

B 3 LOCATION OF WELL Howard FOX MEADOW SECTION 8 LOT 10 GLENELG NEAREST TOWN MILES FROM TOWN 1

DRILLER INFORMATION Ralph E. MAYNE MS D117 Driller's Name License No. 34 Ralph E. MAYNE well drilling Firm Name 17024 HARDY Rd Mt Airy MD. 21771 Address Signature Date 3-24-03

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) Fox Stream Way NEAR WHAT ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) DISTANCE FROM ROAD 50 ENTER FT OR MI 38 39 TAX MAP: 15 BLK: 19 PARCEL 167

B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX) [D] DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION [F] FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) [I] INDUSTRIAL, COMMERCIAL, DEWATERING [P] PUBLIC WATER SUPPLY WELL [T] TEST, OBSERVATION, MONITORING [G] GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A513567-11111 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 07/01/03 Steve R. Krog 7/01/04 CO SIGNATURE EXP. DATE NORTH GRID 530 000 EAST GRID 803 000

APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X 8/29/03 - Grant 89m 176295 Grant (FA) SOURCES OF DRILLING WATER 1. well 2. 3. WRITE THE BOX NUMBER FROM THE MAP HERE E 803 N 530

METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVerse-ROTary DRive-POINT other

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) [N] THIS WELL WILL NOT REPLACE AN EXISTING WELL [Y] THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED [S] THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS [D] THIS WELL WILL DEEPEM AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION N OLD Raven rd Fox Stream Way 50 Pefferkorn rd

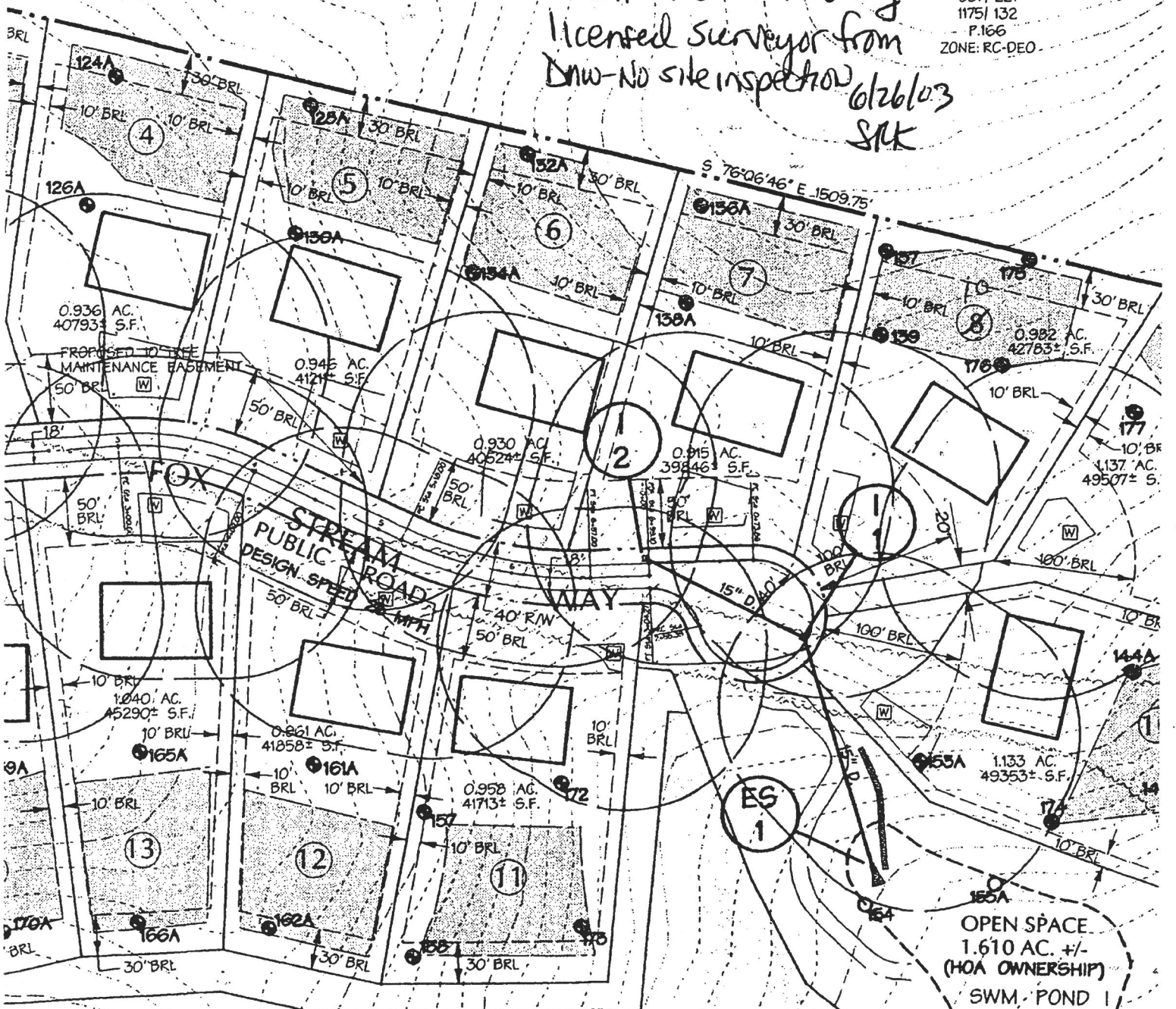
Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER PERMIT No. HO 94 3721

SPECIAL CONDITIONS NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



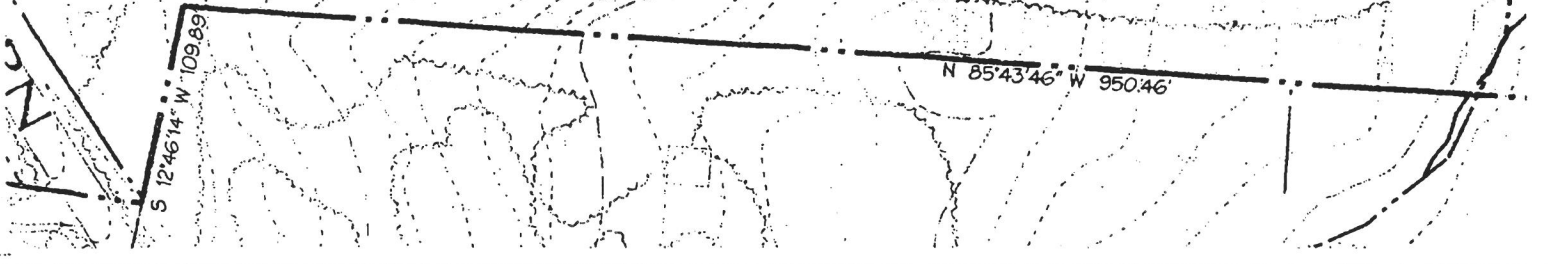
Well Site Staked by  
 Licensed Surveyor from  
 Dnw-No site inspection  
 01/26/03  
 SLK

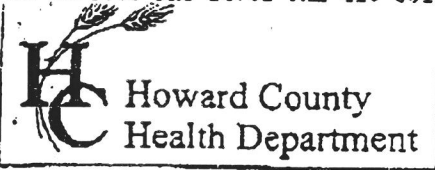
JEFFERKÖRN WILLIAM ROBERTS  
 5371 221  
 11751 132  
 P.166  
 ZONE: RC-DEO



**PRES. PARCEL B**  
 9.226 AC. +/-  
 (NON-BUILDABLE,  
 PRIVATE OWNERSHIP)

NORTHRIDGE DEVELOPMENT LLC  
 59831 492  
 P.167  
 ZONE: RC-DEO





3525 H Ellicott Mills Drive • Ellicott City, MD 21043  
 (410) 313-2640 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

**ATTENTION WELL DRILLERS!!!**

When submitting a well application for a new or replacement well, please indicate one of the following:

- The well site has been staked by DAFT-McCUNE-WALKER on 8/27/03 and is ready for site inspection.
- \_\_\_\_\_ will call the Health Department for a time to meet in the field to verify a well location.
- Site plan for new well is attached to well permit application.

Please attach this sheet when submitting your green application. This should help improve communication allowing a more timely service for our citizens.

6/16

KN

~~6/16~~  
~~6/16~~

# APPLICATION

PERCOLATION TESTING

A 513567 H

P \_\_\_\_\_

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

DISTRICT \_\_\_\_\_

DATE 4/28/2000

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 Northridge Development LLC / Cindy De Zoppo

ADDRESS 14045 Gared Drive PHONE 410-730-1074

AGENT OR PROSPECTIVE BUYER \_\_\_\_\_

ADDRESS \_\_\_\_\_ PHONE \_\_\_\_\_

PROPERTY LOCATION:

SUBDIVISION NA LOT NO. H 10 9 10 <sup>predominately lot</sup>

ROAD AND DESCRIPTION located on the east & west side of Pfefferkorn Road

TAX MAP 15 PARCEL # 167

SIZE OF LOT \_\_\_\_\_ TYPE BLDG. SFD  
(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. Cindy De Zoppo  
(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

513567-II

COUNTY #

NOT TO SCALE

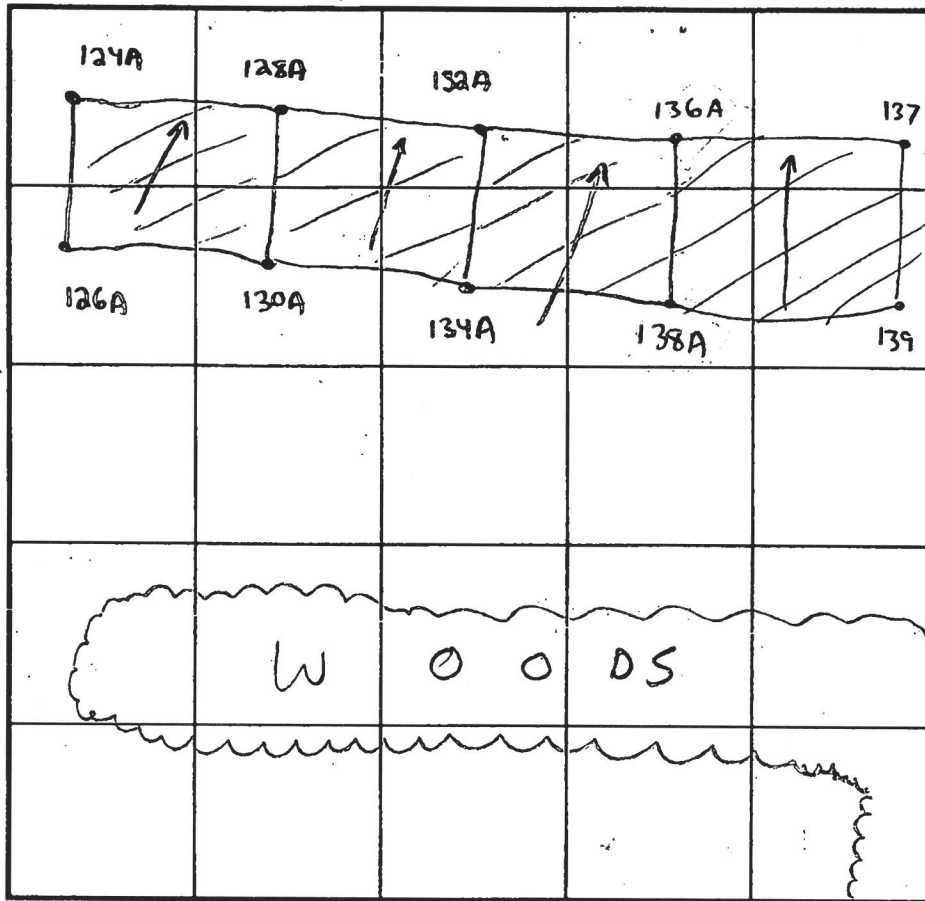
SOIL PROFILE

175

0' Topsoil  
 6-8" light brown - orange sandy clay loam  
 3'± tan sandy loam (fine)  
 less than 5% Saprolite

0' 176  
 6-8" Topsoil  
 light brown - orange sandy clay loam  
 3'± tan/beige sandy loam (fine)  
 5% Saprolite

0' 177  
 1" Topsoil  
 orange - brown silty clay loam  
 2'6" tan silty loam (fine)  
 10% Saprolite



SOIL PROFILE

137

0' Topsoil  
 6-8" light brown - orange clay loam  
 3'± tan sandy loam (fine)  
 20-25% Saprolite

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

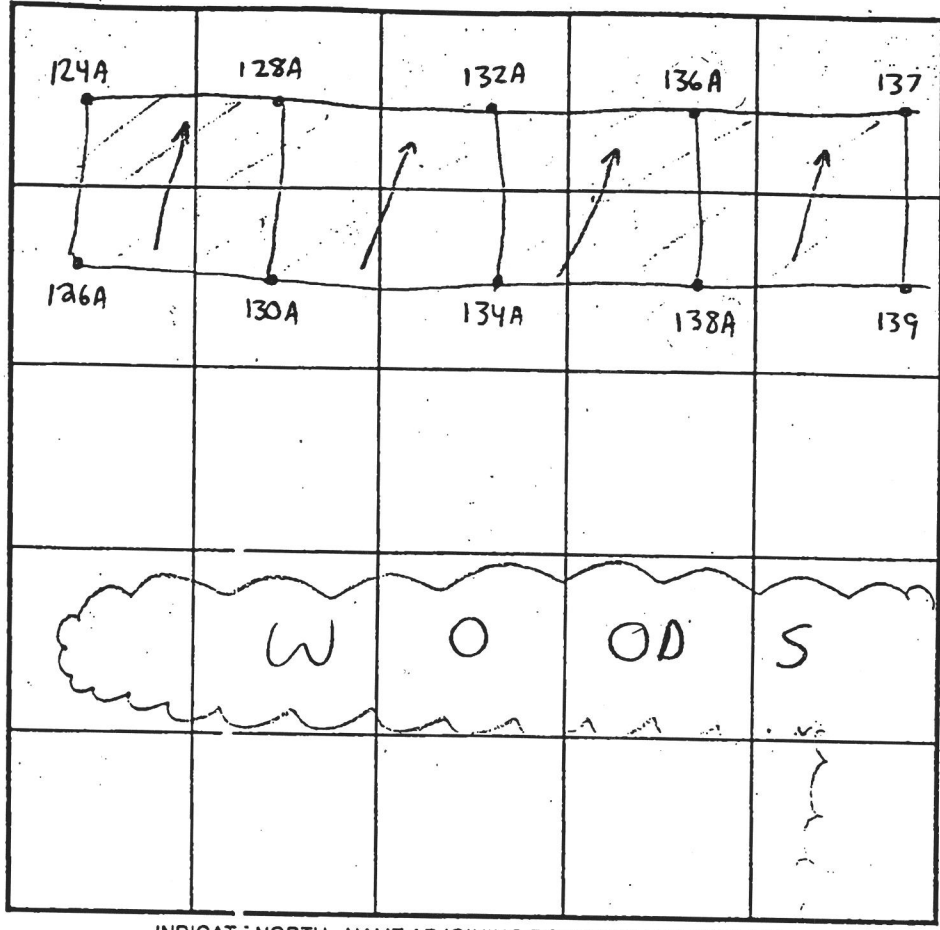
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
6-26-00	175	13' V	(SEE	SOIL	PROFILE)		NA	OK
	176	12' V	(SEE	SOIL	PROFILE)		NA	OK
	177	12' V	(SEE	SOIL	PROFILE)		NA	OK
	137	3.5' T	1:24pm	1:26pm	1:26pm	1:29pm	3 min	OK
		12' V	(SEE	SOIL	PRO- FILE)		NA	OK

REMARKS Soil pits consistent  
 TYPE OF SOIL Chester  
 TESTED BY Steven R. Krieg ALSO PRESENT Chuck Zapp and Robert Colson  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

12'

NOT TO SCALE

513-567-J  
COUNTY #



INDICAT : NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE  
139

0'  
6'-1" Topsoil  
light brown - orange  
Sandy clay loam  
3'+  
tan  
Sandy loam  
(fine)  
↓  
20-25% Saprolite

SOIL PROFILE  
132A

0'  
1'-15" Dark Brown  
Topsoil  
red-brown  
clay loam  
5'  
red-brown  
sandy clay loam  
6'  
tan  
Sandy loam  
↓  
25-30% Saprolite

SOIL PROFILE  
136A

0'  
6'-1" Topsoil  
light brown - orange  
sandy clay loam  
3'+  
tan  
Sandy loam  
(fine)  
↓  
5% Saprolite

SOIL PROFILE  
138A

0'  
1" Topsoil  
light brown - orange  
sandy clay loam  
3'+  
tan  
Sandy loam  
(fine)  
↓  
5% Saprolite

DATE	TES # NO.	DEPTH	FRE-WET		TEST - 1" DROP		TIME'
			START	STOP	START	STOP	
6-26-00	139	11'V	(SEE	SOIL	PROFILE)		OK
	136A	12'V	(SEE	SOIL	PROFILE)		OK
	138A	12'V	(SEE	SOIL	PROFILE)		OK
	132A	4.5'J	1:44pm	2:00pm	2:00pm	2:15pm	15min
		13'V	SEE	SOIL	PROFILE)		OK

REMARKS Soil pits consistent

TYPE OF SOIL Chester

TESTED BY Steven R. Krieg ALSO PRESENT Chuck Zepp and Robert Colson

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_

INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

N 591750

E 1316000

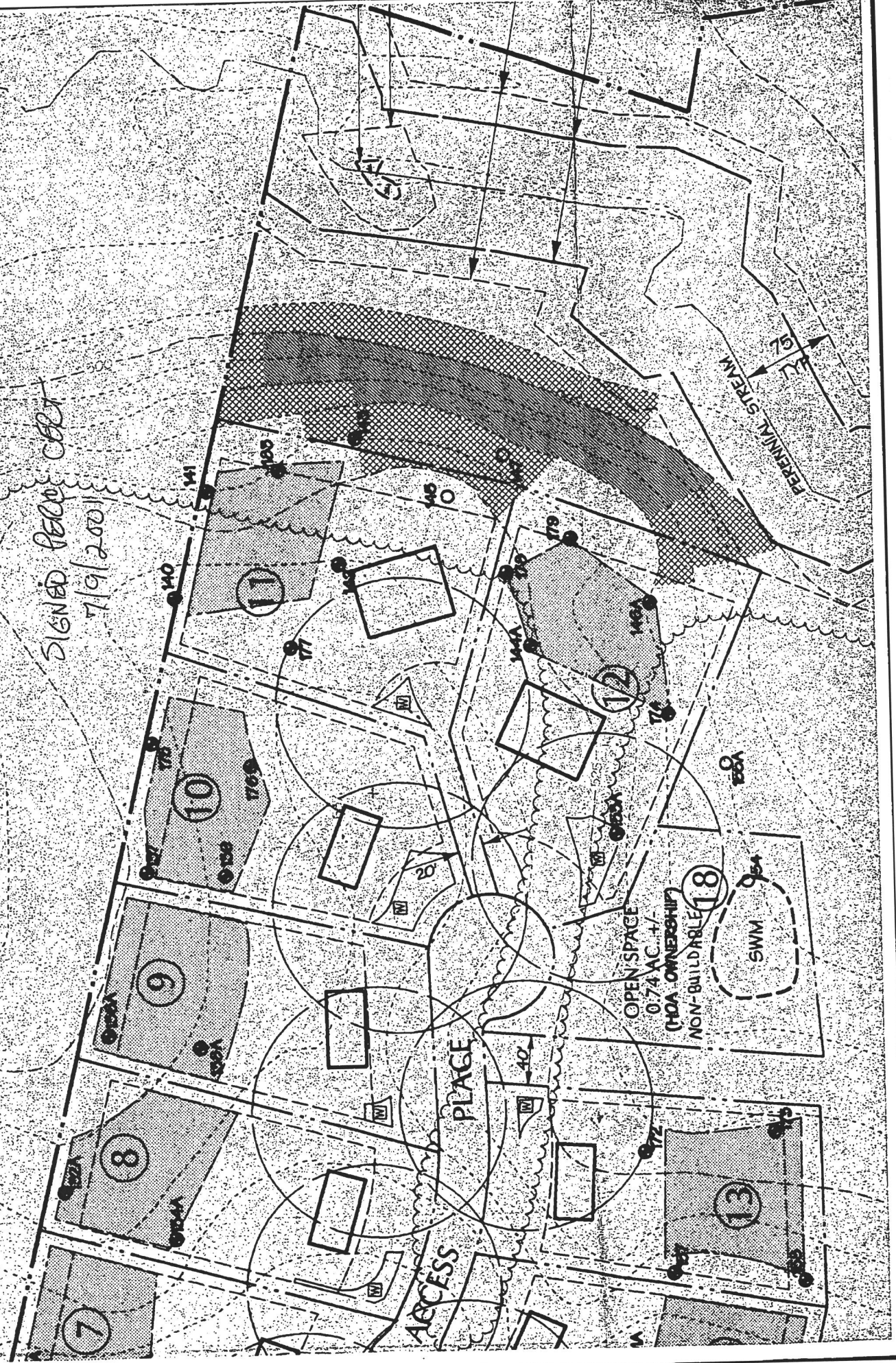
PFEFFERKORN WILLIAM ROBERTS

537/221

175/152

P.166

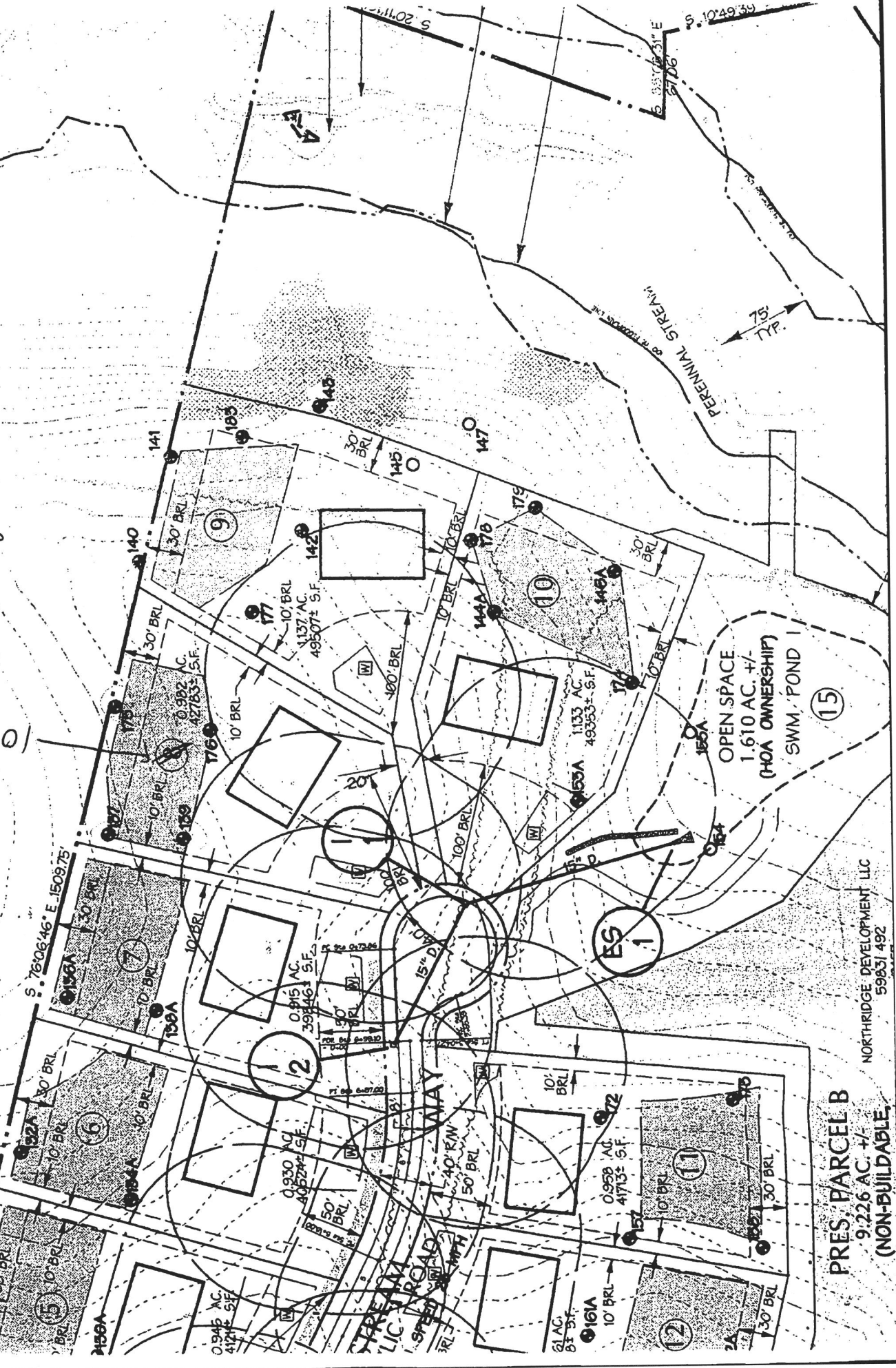
SIGNED PER CBA  
7/9/2001



N 591750  
E 1316000

PFEFFERKORN WILLIAM ROBERTS  
537/ 221  
1175/ 132  
P.166  
ZONE: RC-DEO

Signed pre-lim



PRES. PARCEL B  
9.226 AC. +/-  
(NON-BUILDABLE)

NORTHRIDGE DEVELOPMENT LLC  
59831.492

**CASSELL TESTING, INC.**

ENVIRONMENTAL SAMPLING AND TESTING  
10940 BEAVER DAM ROAD, HUNT VALLEY, MD 21030-2211  
(410) 252-7742

REPORT DATE: May 13, 2005

County: Howard

Lab Number: 05-2352

Sample iced: Yes

Residual Cl<sub>2</sub> <0.1 mg/L: Yes

cc: County Health Dept.: Yes

**CERTIFICATE OF ANALYSIS**

Maryland State Certified Water Quality

Laboratory No. 115

REQUESTER:

Selfridge Builders  
Attn: Doug  
14045 Gared Drive  
Glenwood, Maryland 21738

Property Sampled: U&amp;O: 13623 Fox Stream Way

Station Sampled: Pressure tank tap

Tax Map #: 15

Date/Time Sampled: May 12, 2005 1:40 pm

Parcel #: 167

Owner, Telephone No.: Howes

Sampler: 6724GP

Subdivision Name: Fox Meadow

Lot Number: 10

Building Permit No.: B00150295

Well Number: HO-94-3721

Observation: 2-Piece Cap  
Satisfactory**RESULTS OF ANALYSIS:**

PARAMETER	RESULT	METHOD	*MCL/**SMCL	
Nitrate	8.2 mg/L as N	SM 4500D	*10 mg/L as N	Pass
Turbidity	<1.0 NTU	EPA 180.1	*10 NTU	Pass
pH	6.0 Units	EPA 150.1	**6.5-8.5 Units	***
Sand	Negative		Negative	
Total Coliform	Absent	SM 9223B	*Absent	SAFE
E. coli (18 Hour Test)	Absent	SM 9223B	*Absent	SAFE

Treatment/Conditioning: None

\*\*\*A non-enforceable parameter that may cause cosmetic effects or aesthetic effects (such as taste, odor, or color) in drinking water.



Heather R. Beam

\*MCL = Maximum Contamination Level

\*\*SMCL = Secondary Maximum Contamination Level



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

May 13, 2005

Selfridge Builders  
14045 Gared Drive  
Glenwood, MD 21738

RE: Fox Meadow, Lot 10  
13623 Fox Stream Way  
West Friendship, MD 21794  
BP #: B00150295  
Well Permit # HO-94-3721

Dear Sirs:

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 05/13/2005. Final approval of the well line connection to the dwelling was approved on 02/24/2005.**

The water sample results indicate that the water samples submitted for testing were free of coliform and fecal coliform bacteria at the time of sampling and are bacteriologically safe for drinking. The water sample results were found to be in compliance with COMAR water quality standards.

#### INTERIM CERTIFICATE OF POTABILITY

This certifies that the initial sampling requirements of COMAR 26.04.04 "Well Regulations" have been met for the water supply system installed under well permit #HO-94-3721. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

This certificate may become final upon completion of the second bacteriological test, which is to be taken by the county health department within six months of receipt of this letter. **Please contact (410) 313-1773 to schedule a final water sample appointment. Currently, there is no charge for this final sampling.**

Date of Water Sample(s): 05/12/2005  
Date of Well Completion: 08/29/2003

Approving Authority,

Stuart Oster, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File

**APPROVED**

**WALK-THRU BUILDING PERMIT**

BP# B00154438 A# 513567-H

APP. SAN KSB DATE 6/15/05

DESC. OF WORK: B3 x 16 Deck

WILLIAM ROBERTS PFEFFERKOF  
537/221

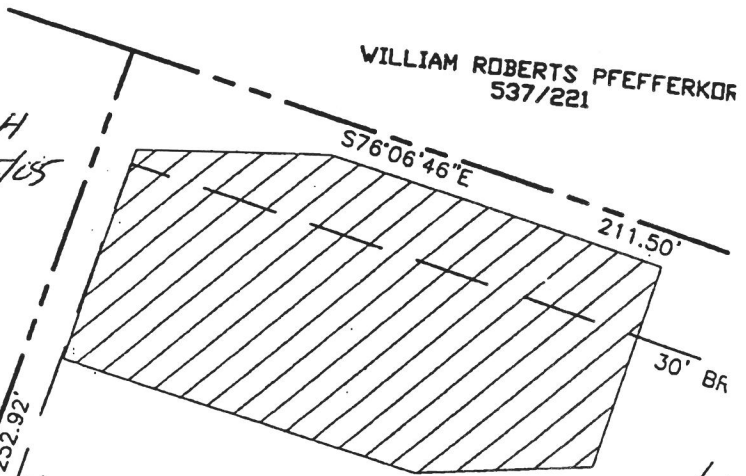
Wall  
check &  
well

OK

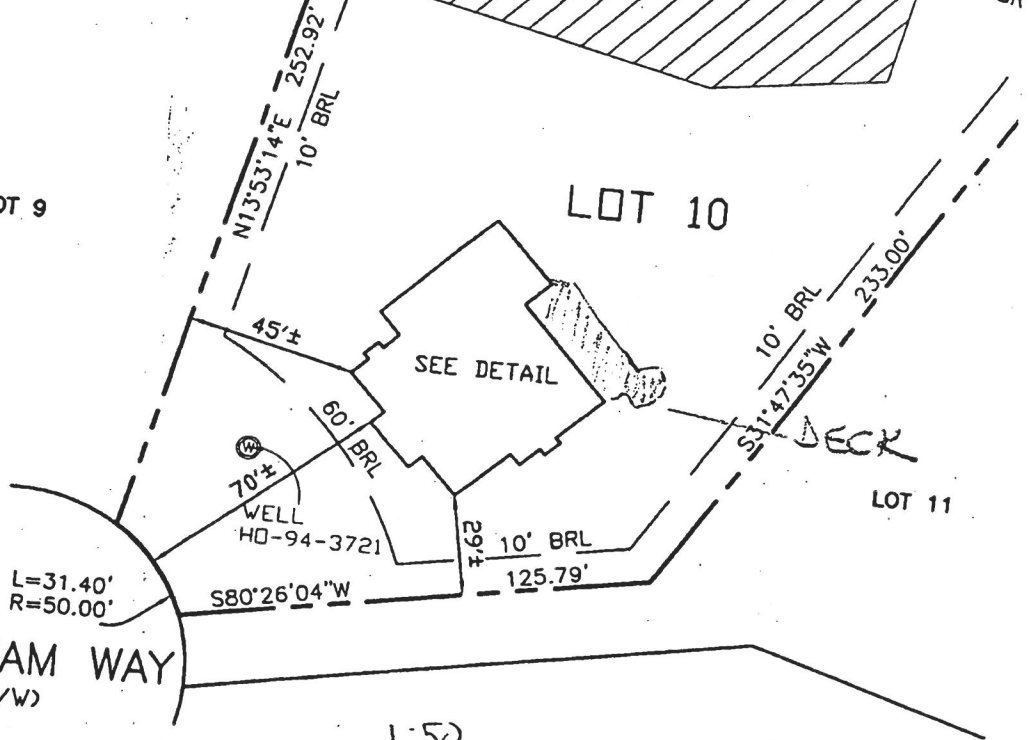
*Pete G...*

LOT 9

12-29-04



LOT 10



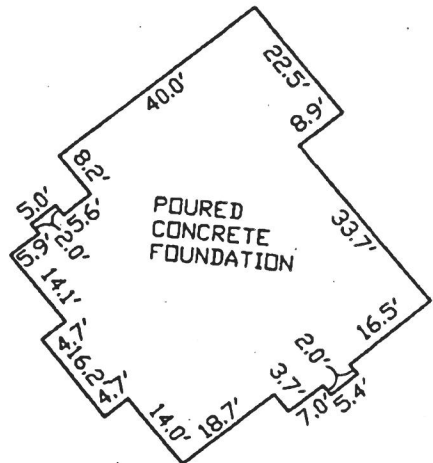
L=31.40'  
R=50.00'

FOX STREAM WAY  
(50' R/W)

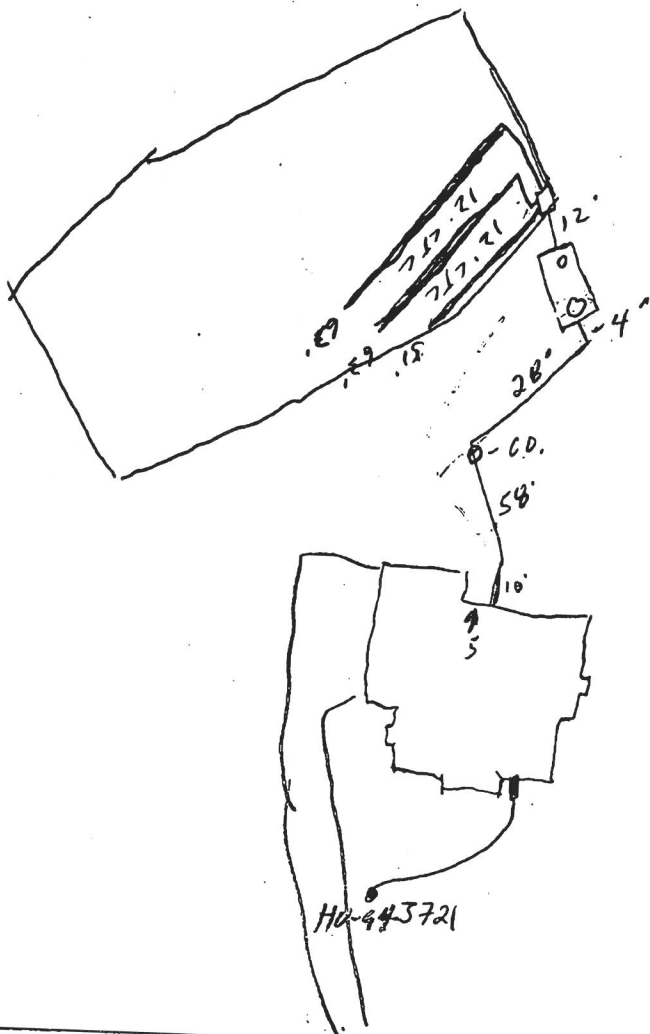
TOP OF FOUNDATION WALL ELEVATION = 541.0'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 12/10/04; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY DAFT, McCUNE, WALKER, INC. ENTITLED "FOX MEADOW LOTS 1 THROUGH 12", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 16865



NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		177'
ABSORPTION AREA		531 <del>sq</del>
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		<input checked="" type="checkbox"/>
DISTRIBUTION BOX PORT		<input checked="" type="checkbox"/>

SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
Comp CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Front
6" PORT LOC	Back
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	N/A
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

FOX / Sivvaker Way ROAD

PRE-CONSTRUCTION 1/4/05 - SRA staked, contours accurate. Contr. already has tank & trench dug to Right side of SRA & wants to put in  
 INSTALLATION 240' of trench (50'/60'/60'/70') per Specs (S) 1/4/05 - Tank set, 3 trenches installed. OK to cover (S)

BUILDING PERMITS DIVISION AND RETURNED

FINAL INSPECTOR *[Signature]*

DATE OF APPROVAL 1/4/05