

LAYOUT 5/15/02 11:00 INSP 4 _____
INSP 2 _____ INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 5/14/2002

APPROVAL DATE: 5/16/02

PERMIT INDEXED

04-314255

P 516974

A 512732

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

Barnard Brothers Construction IS PERMITTED TO INSTALL ALTER

ADDRESS: 1612 Brittle Branch Way, Woodbine PHONE NUMBER: 410-489-7621

SUBDIVISION: Map 13, P-219 LOT NUMBER: _____

ADDRESS: 15894 Union Chapel Road PROPERTY OWNER: Barnard Bros. Construction

SEPTIC TANK CAPACITY (GALLONS): 1000 OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): N/A COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 3

SQUARE FEET PER BEDROOM: 240

LINEAR FEET OF TRENCH REQUIRED: 240 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.5 feet below original grade. Bottom maximum depth 6.5 feet below original grade. Effective area begins at 6.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box midway between the upper corner easement stakes. Run trenches on contour in both directions.
NOTES:	

PLANS APPROVED: Brian Baker *OK* 3/21/02 *(SD)* DATE: 3/11/2002

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

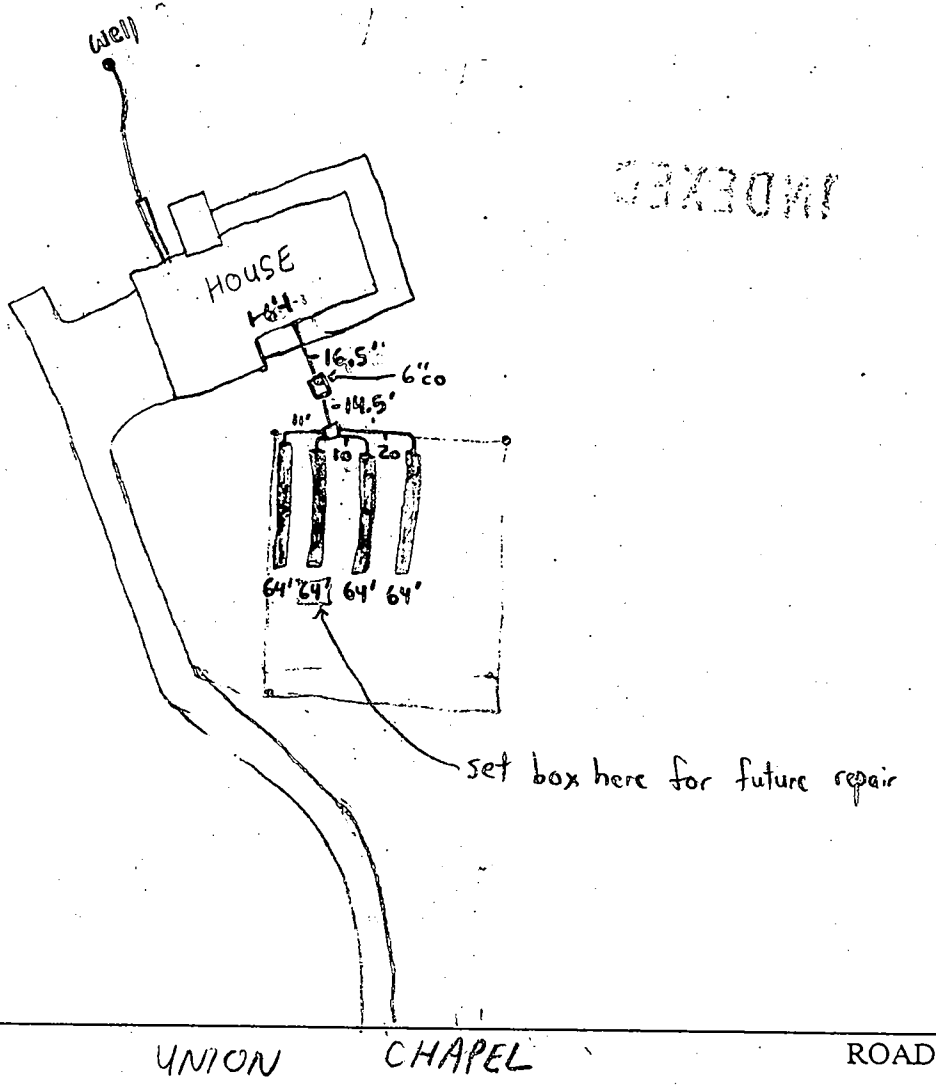
**BUILDING PERMIT SIGNED
AND RETURNED** *5-22-02*
BOD 136182-46 PRO PROPANE TANK

4512732

NOT TO SCALE

TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	4.5'	6.5'
NUMBER OF TRENCHES		4
TOTAL LENGTH		240'
ABSORPTION AREA		720 ft ²
DISTRIBUTION BOX LEVEL		✓
DISTRIBUTION BOX BAFFLE		✓
DISTRIBUTION BOX PORT		NA

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



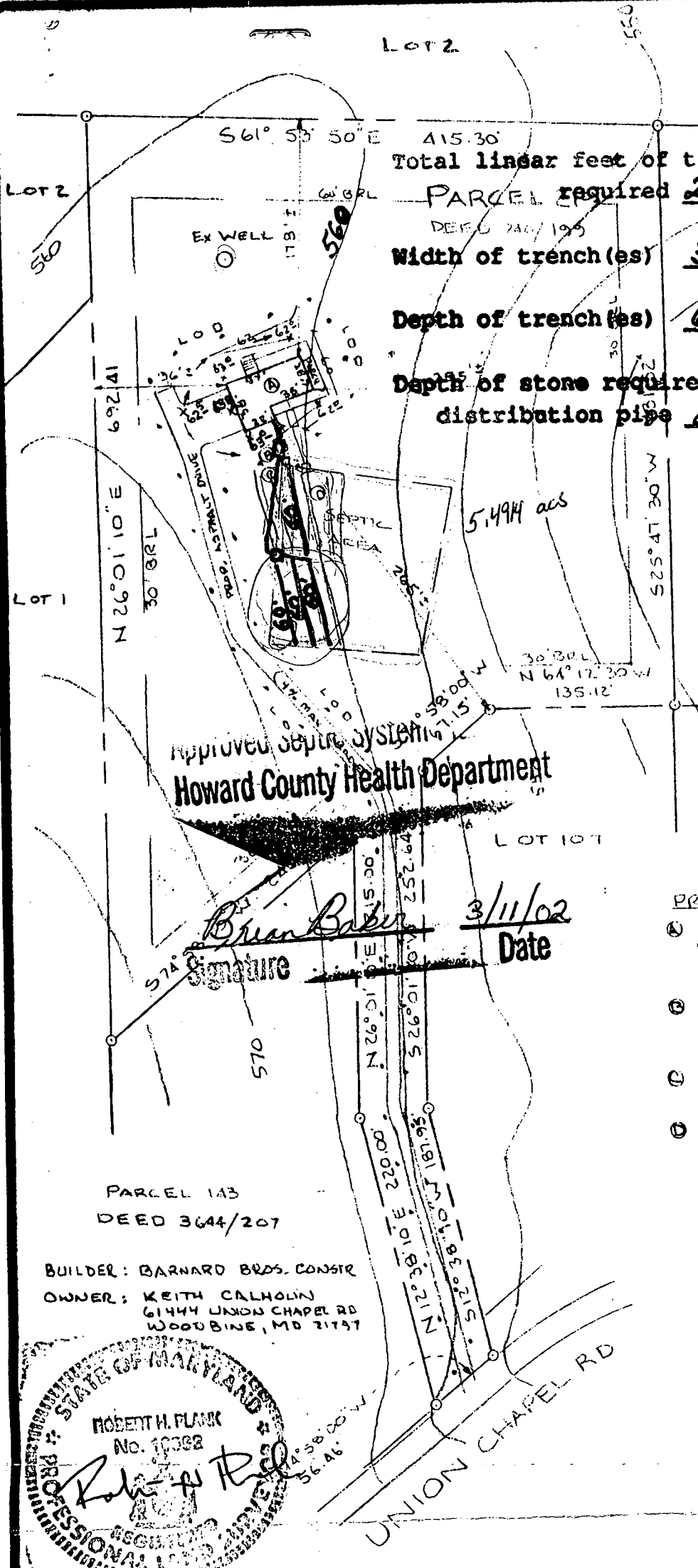
PRE-CONSTRUCTION 5/15/02 Lot staked, contour as shown. OK to run (4) 60's w/ D.B. at upper corner. Tank set (SO)

INSTALLATION 5/16/02 - OK TO COVER ALL WORK, WPI OK (SRK)

FINAL INSPECTOR Steven R. Krieg

DATE OF APPROVAL 5/16/02

BUILDING PERMIT SIGNED AND RETURNED



Total linear feet of trench
PARCEL required 240 feet
 DEED 246/195
 Width of trench(es) **3.0 feet**
 Depth of trench(es) **6.5 feet**
 Depth of stone required below
 distribution pipe **2.0 feet**

PARCEL 177
 DEED 2558/650

5.494 acs

Approved Septic System
Howard County Health Department

Brian Baker
 Signature 3/11/02
Date

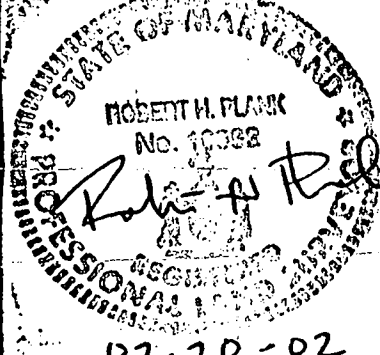
PROPOSED ELEVATIONS

- (A) PROP. 3 BR - 2 STORY HOUSE
 GAR. ELEV 563.0
 FT. ELEV 564.0
 BSMT ELEV 558.0
 INV. ELEV 555.0
- (B) PROP. SEPTIC TANK
 EX GRD ELEV 560.8
 INV IN 558.3
 INV OUT 555.0
- (C) PROP. DIST. BOX
 EX GRD ELEV 560.8
 INV ELEV 555.8
- (D) PROP TRENCHES
 INV. ELEV 555.3

LENGTH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.

PARCEL 143
 DEED 3644/207

BUILDER: BARNARD BROS. CONSTR
 OWNER: KEITH CALHOUN
 61444 UNION CHAPEL RD
 WOODBINE, MD 21797



02.20-02

PLOT PLAN

PARCEL 219
 UNION CHAPEL ROAD
 ELECTION DISTRICT
 HOWARD COUNTY,
 MARYLAND
 SCALE: 1"=100' FEB, 2002

NOTES • TOPOGRAPHY BASED ON
 HOWARD CO. TOPG
 MAPS # 202 I # 203.
 • PROVIDE SEDIMENT CONTROL
 MEASURES AS SHOWN

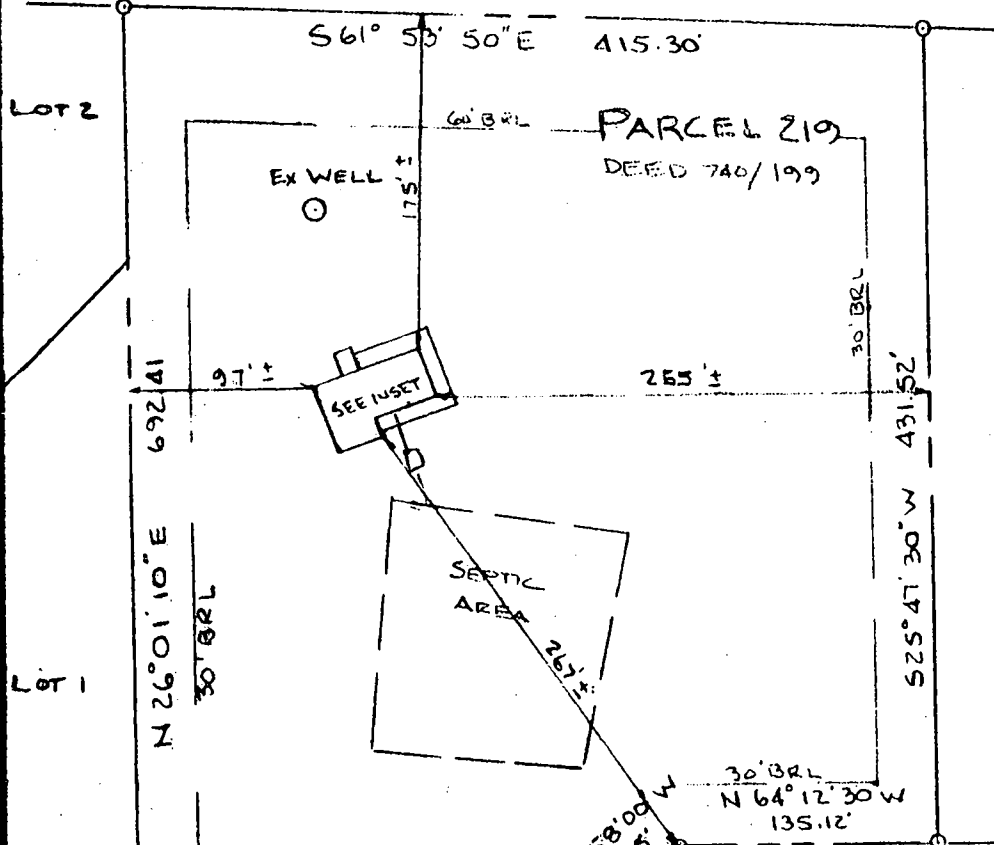
I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT
 OF AN ACTUAL FIELD SURVEY BASED ON DATA FOUND AMONG
 THE LAND RECORDS OF HOWARD COUNTY,
 MARYLAND, AS REFERENCED HEREON.

NASSAUX-HEMSLEY, INC.

204 S. MAIN STREET
 MOUNT AIRY, MARYLAND 21771
 (301) 829-2296

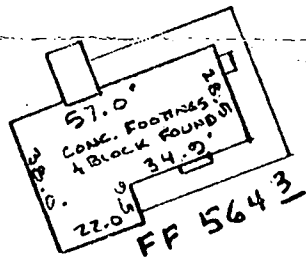
REFERENCE	JOB NO.
L.740 / F.199	02541101

LOT 2



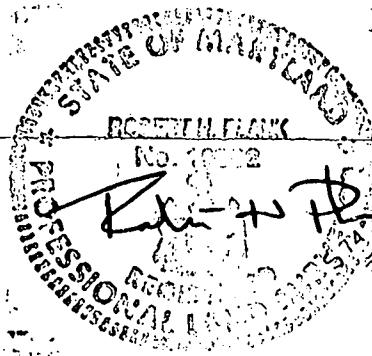
PARCEL 177
DEED 2558/659

5/14/02
Wall Check
OK-SRW



INSET
1" = 50'

PARCEL 143
DEED 3644/207



04-26-02

UNION CHAPEL RD

WALL CHECK
PARCEL 219
UNION CHAPEL ROAD
ELECTION DISTRICT
HOWARD COUNTY,
MARYLAND
SCALE: 1"=100' APRIL 2002

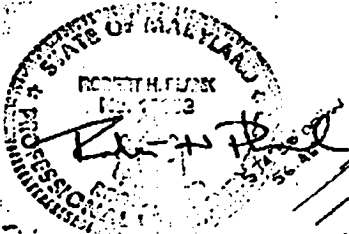
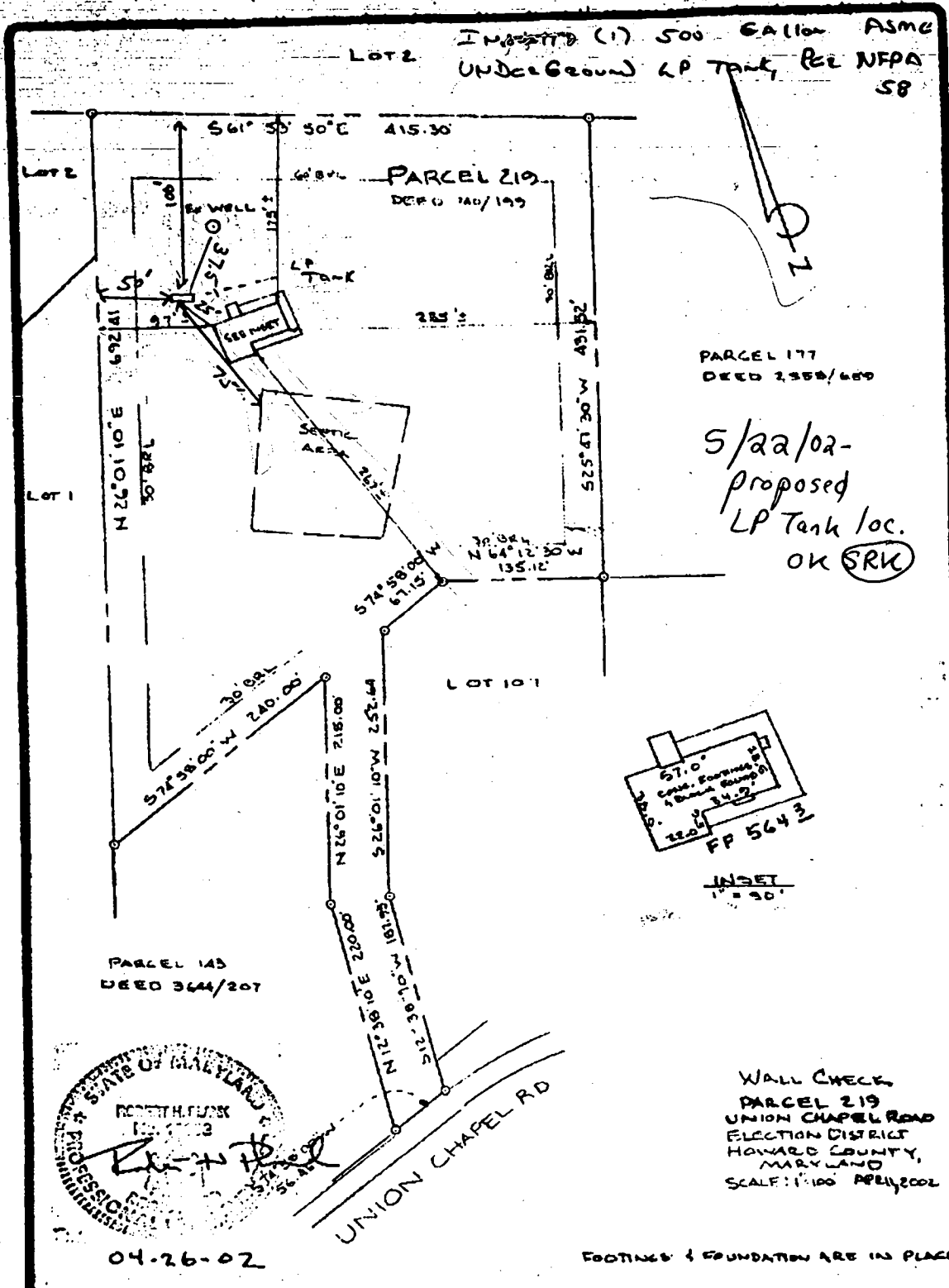
FOOTINGS & FOUNDATION ARE IN PLACE

I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

NASSAUX-HEMSLEY, INC.

204 S. MAIN STREET
MOUNT AIRY, MARYLAND 21771
(301) 829-2296

REFERENCE	JOB NO.
L 746 / F. 199	0254 1101



I CERTIFY THIS PLAT TO BE CORRECT: IT IS THE RESULT OF AN ACCURATE FIELD SURVEY BASED ON DATA FURNISHED BY THE LAND OWNERS OF HOWARD COUNTY, MARYLAND, AS REFERENCED HEREON.

NASSAUX-HEMSLEY, INC.

204 S. MAIN STREET
MOUNT AIRY, MARYLAND 21771
(301) 828-2286

EXHIBIT	48 88
L. 740 / F. 199	025Y1101

**HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
WATER AND SEWERAGE PROGRAM
TEL: (410)313-2640 FAX: (410)313-2648**

Information Form for the Installation of the Well Pump, Pitless Adapter, and Supply Piping

NOTE: The installer is responsible for requesting an inspection prior to 9 am on the day of the desired inspection. No work is to be covered until approved by the Health Department. All installations must comply with the National Standard Plumbing Code (NSPC, as amended locally) and COMAR 26.04.04 (MD Well Construction Regulations). Submission of a complete form is required prior to Use and Occupancy approval.

Company Name: K.H. Plumbing, Inc. Telephone #: 410-857-0255
Address: 470 DOTSIE DR
WESTMINSTER, MD 21158

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation:
Name (Print): Keith Hundertmark License# 8300
*A licensed individual must perform the actual installation. Apprentices must be under the direct supervision of a licensed journeyman or master plumber, pump installer or well driller. Licenses may be subjected to field verification.

Name of Property Owner: Keith Calhoun Telephone #: 410-379-0141
Subdivision: _____ Lot #: _____ Well Tag #: HO-94-2581
Site Address: 15899 Union Chapel Rd.
Woodbine, MD 21797

Submersible Pump Data
Make: Uco221
Model #: PT54518052
Pump Capacity: 5 GPM
Well Yield: 10 GPM

Pitless Adapter
Make: Am. Canby
Model #: PT800
Depth: 42" (36" min)
NSF approved: yes

Well Cap and Electric Conduit
Two piece watertight cap: _____
Screened, vented well cap:
Cap secured to casing: yes
Conduit min 18" B.G.: yes
Conduit secured to well cap: yes

Depth of well encountered at time of pump installation: 200 (feet)
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4
Torque arrestors or Cable guards are required - Must circle one
Safety rope, if used, attached to inside of well casing with eye bolt _____

Piping to house
Type: Polyethylene
PSI: 160" (160 psi min)
Depth of supply line: 42" (36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration:
Approximate length of sleeve: 20'
Sleeve caulked and sealed properly:

The water supply line is required to be at least ten feet from the septic tank, pump chamber, sewage piping, distribution box, drainfields, and sewage reserve area. If this cannot be accomplished, contact this office for approval prior to installation.

Signature of company representative responsible for installation: Keith Hundertmark date: 6-21-02

For Health Department Use Only - Not to be completed by Installer

Date Insp. Requested: 5/16/02 Date Insp. Approved: 5/16/02 **(SRK)**
Inspection Data: Pitless adapter and water supply line at least 36" below grade
Two piece cap installed and attached to casing securely
Elec. conduit extends at least 18" below grade/attached to cap properly
Safety rope installed inside of well casing
Correct well tag attached properly and casing 8" above finished grade
Water supply line sleeved adequately at house connection
Adequate grout observed below pitless adapter

C1 07629

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. OKSRK 6/3/00 COUNTY NUMBER A512732

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 02 29 2000

Depth of Well 22 200 26 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2581

OWNER Eyre, Harry last name Union Chapel Rd first name TOWN Glenwood SUBDIVISION Eyre Prop/Glenridge County SECTION 16T Pal 219

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Overburden, Gray Rock, and water at 96'.

GROUTING RECORD form with fields for GROUTING MATERIAL (CEMENT, BENTONITE CLAY), NO. OF BAGS, NO. OF POUNDS, GALLONS OF WATER, DEPTH OF GROUT SEAL.

CASING RECORD form with fields for casing types (STEEL, CONCRETE, PLASTIC, OTHER), MAIN CASING TYPE, Nominal diameter, Total depth.

OTHER CASING (if used) form with fields for diameter, depth.

SCREEN RECORD form with fields for screen type (STEEL, BRASS, BRONZE, PLASTIC, OPEN HOLE, OTHER), insert appropriate code below.

PUMPING TEST form with fields for HOURS PUMPED, PUMPING RATE, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL, TYPE OF PUMP USED.

PUMP INSTALLED form with fields for DRILLER INSTALLED PUMP, TYPE OF PUMP INSTALLED, CAPACITY, PUMP HORSE POWER, PUMP COLUMN LENGTH, CASING HEIGHT, LAND SURFACE.

NUMBER OF UNSUCCESSFUL WELLS: 0. WELL HYDROFRACTURED: YES (Y) NO (N).

CIRCLE APPROPRIATE LETTER: A (WELL ABANDONED), E (ELECTRIC LOG OBTAINED), P (TEST WELL CONVERTED TO PRODUCTION WELL).

I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT...

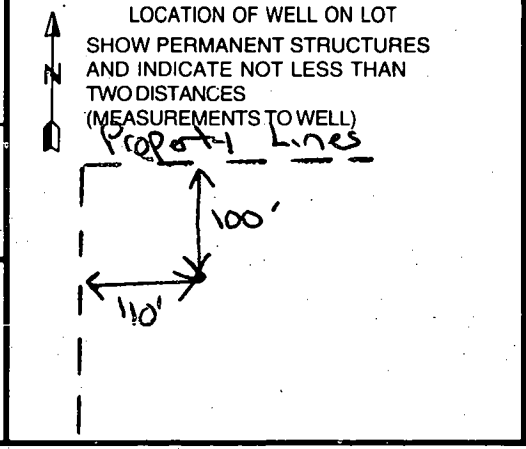
DRILLERS LIC. NO. MWD 399. DRILLERS SIGNATURE: Thomas Mitty. LIC. NO. JS D049.

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

DEPTH (nearest ft.) table with columns for depth ranges (1-21, 23-36, 38-51) and slot size (1, 2, 3). Includes diameter of screen.

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

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



MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER

HO - 94 - 2581
70 fill in this form completely 79

Date Received (APA)
01 05 00

OWNER INFORMATION

8 MM DD YY 13
Eye Harry
 15 Last Name Owner First Name 34
PO Box 155
 36 Street or RFD 55
Coleenys MD 21737
 57 Town 70 State 72 Zip 76

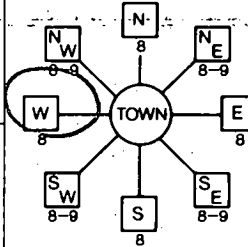
B 3 LOCATION OF WELL

Howard
 8 COUNTY 21
 23 SUBDIVISION 42
 SECTION 44 46 48 50 219
Coleenwood
 52 NEAREST TOWN 71
 MILES FROM TOWN (enter 0 if in town) 2 M I
 73 76 77 78

DRILLER INFORMATION

Paul M. Fabiszak M W D 3 9 9
 Driller's Name 76 License No. 81
G. Edgar Harr Sons' Corp
 Firm Name
12047 Falls Rd. Cockeyville 21030
 Address
[Signature] 1/4/00
 Signature Date

B 4
 1 2
 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Union Chapel Road
 11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 NORTH
 WEST
 EAST
 SOUTH
 - 34 500 37
 DISTANCE FROM ROAD FT
 ENTER FT OR MI 38 39
 TAX MAP: 13 BLK: 18 PARCEL 219

B 2 WELL INFORMATION

1 2
 APPROX. PUMPING RATE 5
 (GAL. PER MIN.) 8 12
 AVERAGE DAILY QUANTITY NEEDED 750
 (GAL. PER DAY) 14 20

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION
- FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
- INDUSTRIAL, COMMERCIAL, DEWATERING
- PUBLIC WATER SUPPLY WELL
- TEST, OBSERVATION, MONITORING
- GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER
 HEALTH DEPARTMENT APPROVAL

Howard Co. A512732
 COUNTY NAME COUNTY NO.
 STATE SIGNATURE _____ INSERT S →
 DATE ISSUED 02 01 00 A M Mill 02/01/01
 43 MM DD YY 48 CO SIGNATURE EXP. DATE
 NORTH GRID 530 0 0 0 EAST GRID 780 0 0 0
 50 55 57 63

APPROXIMATE DEPTH OF WELL 250 FEET
 24 28

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) JETTED Jetted & DRIVEN
 30 AIR-ROTARY AIR-PERCussion ROTARY (Hydraulic Rotary)
 37 CABLE Reverse-ROTARY DRIVE-POINT
 other _____

REPLACEMENT OR DEEPEMED WELLS
 (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL
 - THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 - THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 - THIS WELL WILL DEEPEM AN EXISTING WELL
- PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) 41 _____ 52

Not to be filled in by driller (MDE OR COUNTY USE ONLY)

APPROP. PERMIT NUMBER _____ G A P _____
 54 63
 PERMIT No. HO - 94 - 2581
 70 71 72 73 74 75 76 77 78 79

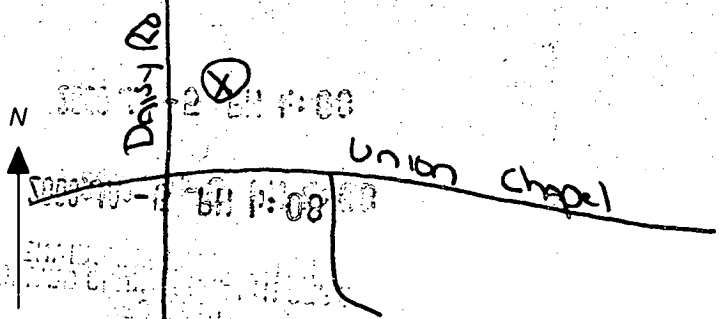
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER
 1. Well
 2.
 3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 780
 N 530

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED -

S61°53'50"E 415.30'

+ 563. (W)

MIB2

ChB2

ChB2

PARCEL 219
DEED 740/199

A-512732

ChC2

ChC2

PARC
DEED

N26°01'10"E 692.41'

S 25°47'30" W 431.52'

PLAT
L. EYRE JR.
DIVISION
REF. 5312

N 64°12'30" W
135.12'

S74°58'00"W
67.15'

575

LOT 1

S 74°58'00" W 248.00'

*2/1/00
well site staked
by F&C
AKK*

LOT 7

LOT 6

N26°01'10"E 215.00'

S 26°01'10" W 252.64'

DAISY HILL ESTATES

+ 577.

PARCEL 143
DEED 3644/207

N12°38'10"E 220.00'

S 74°58'00" W 56.46'

S 12°38'10" W 187.95'

UNION CHAPEL ROAD 52

550

APPROVED FOR PRIVATE WATER
COUNTY HEALTH DEPT

9-20-99
10:00

APPLICATION

PERCOLATION TESTING

A 512732

9/30/99

P _____

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

Proposal is for
one 10,000 B
septic casement
All

DISTRICT _____

DATE 9-27-99

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 Glennlg Country School

ADDRESS _____ PHONE _____

AGENT OR PROSPECTIVE BUYER A R Enterprises LLP

ADDRESS 13600 Triadelphia Road PHONE _____

Glennlg, MD 21737

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. _____

ROAD AND DESCRIPTION Union Chapel Rd.

TAX MAP 13 PARCEL # 219

SIZE OF LOT 5.49 ac 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. Angel C. Elmit - J.R. Enterprises
(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

0'

heavy red silty clay

6.5'

red to pink silty clay 10%

13.0'

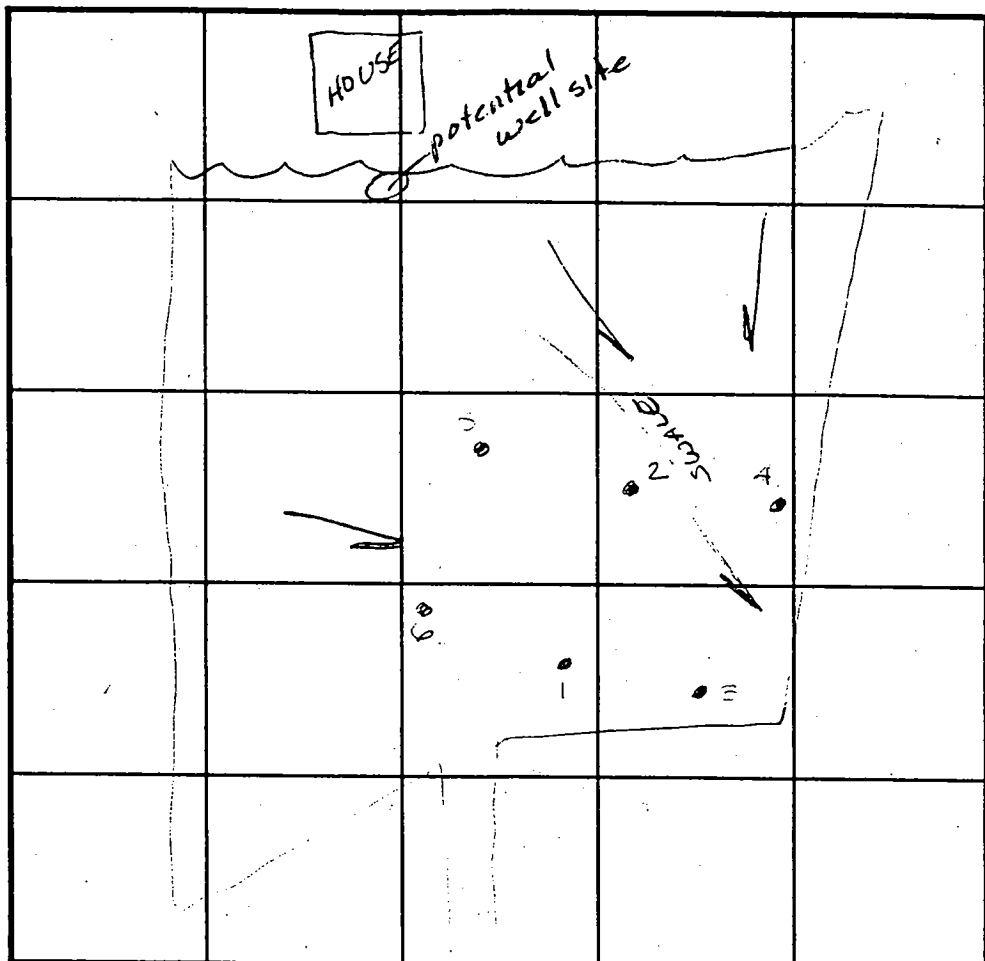
6'

red brown silty clay

S

dark brown crumbly silty clay

13.0'



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE. Union Chapel Rd

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10 21-99	3A	Heavy clay to 7-8'		did not test			F
	1	6.0 / 13.0	10:24	10:35	10:35	10:50	15min
	2	6.0 / 13.0	10:35	3:43	3:43	3:56	13min
	5	6.5 / 13.0	11:59	12:07	12:07	12:21	14min
	6	Visual to 13.0	see profile				OK

REMARKS Find ex house septic syst. prior to well site approval

TYPE OF SOIL _____

TESTED BY Amy Memillen ALSO PRESENT Tim Feeaaa

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 15 min TRENCH WIDTH 240"

INLET DEPTH 4.5 MAXIMUM BOTTOM DEPTH 6.5 SQ. FT/BEDROOM 240



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

September 30, 1999

J. R. Enterprises, LLP
13600 Triadelphia Road
Glenelg, Maryland 21737

RE: Percolation Test Date
Purpose: Existing Parcel
Property ID: Glenelg Country School
Union Chapel Road
Tax Map: 13 Parcel #: 219

Dear Sirs,

A percolation test date for the above referenced property has been scheduled for ^{1:00pm}~~10:00 a.m.~~, Wednesday, October 20, 1999.

You will be responsible for having a contractor on site to excavate test holes.

In the event of uncertain weather (i.e., precipitation or extremes of temperature) on the test date, please contact this office prior to 9:00 a.m. to determine whether or not percolation testing can be performed on the above reserved date. If it is not feasible to perform the test, a new test date shall be assigned.

Percolation test results can be expected within 2 to 3 weeks.

Thank you in advance for your cooperation in this matter.

Very truly yours,

Amy Mc Millen, R.S.
Water & Sewerage Program

ALM
cc:file

183708.6mN
394539.5mE



Tax Map 13
Grid 18
Parcel 219

P. 94

14

MAP 14-
P. 181

MAP 14-
P. 17

P. 192

P. 178

BOYD ACRES 86975

45312 7 49898

P. 219

P. 160

P. 115

P. 113

P. 177

P. 96

P. 117

P. 178

DAISY

P. 79

P. 72

P. 55

P. 56

CHapel

P. 194

P. 195

P. 196

P. 197

P. 198

P. 199

DAISY

18.

A.

P. 57

P. 226

P. 70

P. 136

12.

P. 87

P. 13.

PROPERTY

2

32

48597

P. 71

P. 96

3

P. 93

P. 94

P. 95

H.

P. 13.

P.

MAP 14

P. 170

P. 190

P. 191

P. 192

P. 193

P. 194

P. 195

P. 196

P. 197

P. 198

P.



HOWARD COUNTY HEALTH DEPARTMENT

Diane L. Matuszak, M.D., M.P.H., County Health Officer

October 21, 1999

J.R. Enterprises, LLP
13600 Triadelphia Road
Glenelg, Maryland 21737

RE: Percolation test results
Purpose: Existing Lot of Record
Property ID: Glenelg Country School
Union Chapel Road
Tax Map: 13 Parcel: 219

Dear Sirs,

Percolation testing conducted Thursday, October 21, 1999, on the above referenced property indicated satisfactory soil conditions.

Copies of the percolation test results are enclosed.

A registered engineer should submit a Percolation Certification Plan showing the following information to this office:

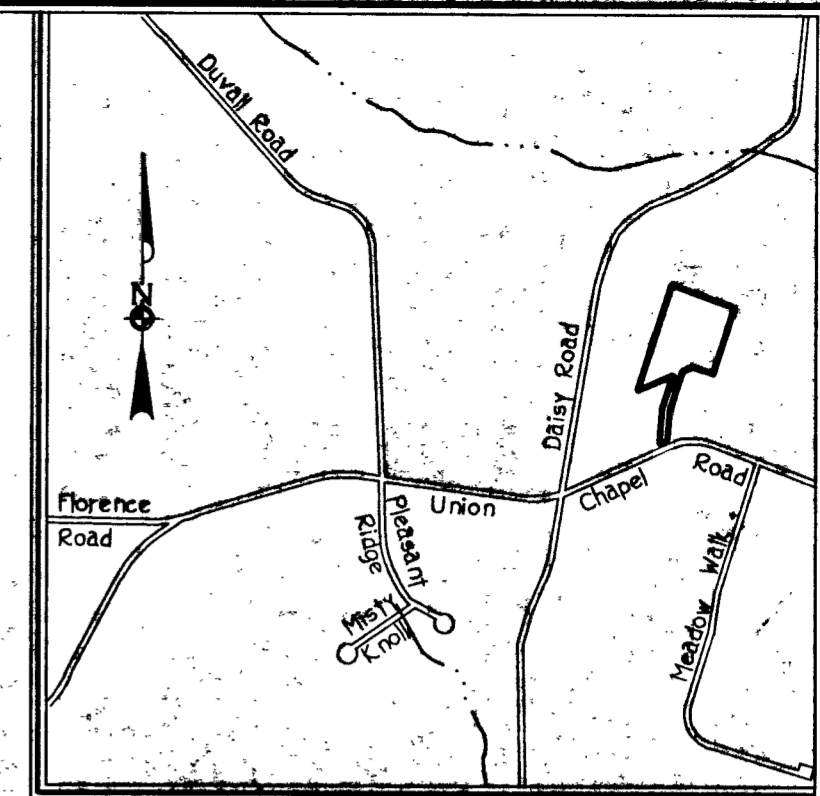
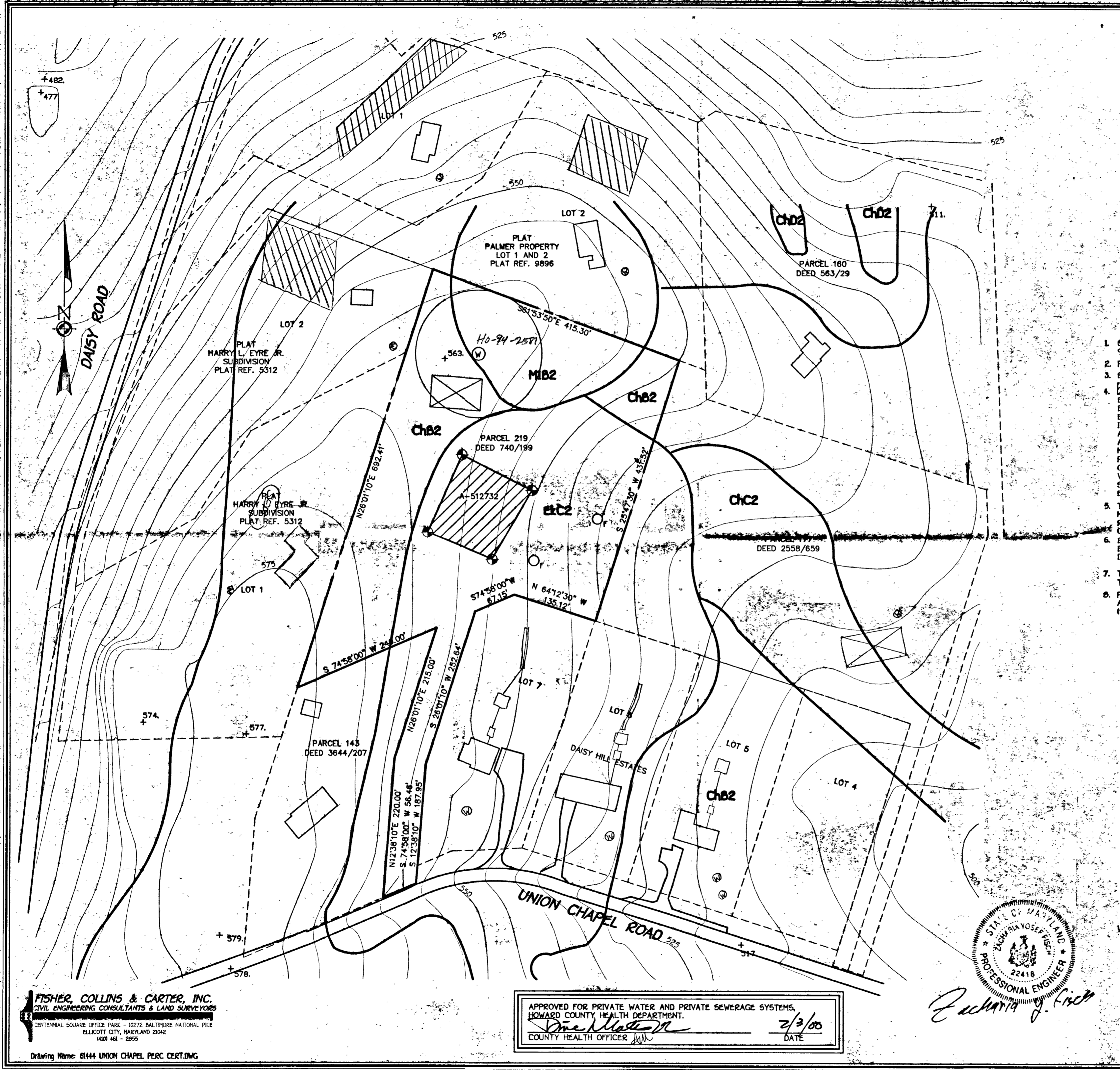
- actual locations & elevations of all excavated test holes
- suitable house and well site
- locations of existing wells and septic within 100 feet of property boundaries
- streams/swales/springs and any other relevant landscape features
- contour lines

If you have any questions regarding this matter, you may contact me at the address below or by calling (410) 313-2640.

Very truly yours,

Amy Mc Millen, R.S.
Water and Sewerage Program

AM:am
Enclosures
cc:File



VICINITY MAP
SCALE: 1" = 1200'

GENERAL NOTES

1. SUBJECT PROPERTY ZONED "RC-DEO" PER 9/18/92 COMPREHENSIVE ZONING PLAN.
2. PRIVATE WATER AND SEWER TO BE UTILIZED.
3. SOILS MAP No. 12
4. THIS AREA DESIGNATES A PRIVATE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWAGE DISPOSAL IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWERAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED EASEMENT SHALL NOT BE NECESSARY.
5. THE PARCEL SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP, WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
6. BOUNDARY OUTLINE BASED ON FIELD RUN BOUNDARY BY FISHER, COLLINS AND CARTER, INC. ON OR ABOUT DECEMBER, 1999.
7. TOPOGRAPHIC CONTOURS BASED ON HOWARD COUNTY TOPO MAPS Nos. 292 and 293.
8. PERCS SHOWN HEREON HAVE BEEN FIELD SURVEYED AND LOCATED BY FISHER, COLLINS & CARTER, INC. (SEE LEGEND FOR DESCRIPTION)

LEGEND

- PROPOSED WELL LOCATION
- POSSIBLE HOUSE SITE
- PASSED PERCOLATION
- FAILED PERCOLATION



**Perc Certification Plan
Union Chapel Road
Parcel 219**

Tax Map No. 13 Parcel No. 219 Grid 1B
Election District Howard County, Maryland
0' 100' 150' 200'
Scale: 1" = 100'
Date: January 17, 2000

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
ELLICOTT CITY, MARYLAND 21042
(410) 461-2955
Drawing Name: 61444 UNION CHAPEL PERC CERT.DWG

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS,
HOWARD COUNTY HEALTH DEPARTMENT.
One M. [Signature]
COUNTY HEALTH OFFICER
DATE: 2/3/00