

LAYOUT 12:30 4-16 INSP 4 _____
 INSP 2 4/24/03 3PM INSP 5 _____
 INSP 3 4/29 1pm p4A INSP 6 _____

ISSUE DATE: 4/9/2003
 APPROVAL DATE: 4/25/03

PERMIT

04-365550

P 518621
 A 59946-A

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

Miller Excavating Company Inc IS PERMITTED TO INSTALL ALTER

ADDRESS: 18115 Sellman Rd, Dickerson 20842 PHONE NUMBER: 301-349-4400

SUBDIVISION: Westwoods @ Cherry Grove LOT NUMBER: 5

ADDRESS: 16805 Colton Court PROPERTY OWNER: D. R. Horton, Inc.

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: 240 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 site plan. Run trenches on contour in both directions. <i>(4) 60's</i>
NOTES:	Basement service by gravity is proposed.

PLANS APPROVED: Steven R. Krieg *OK 1/8/03 (SO)* DATE: 8/13/2002

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

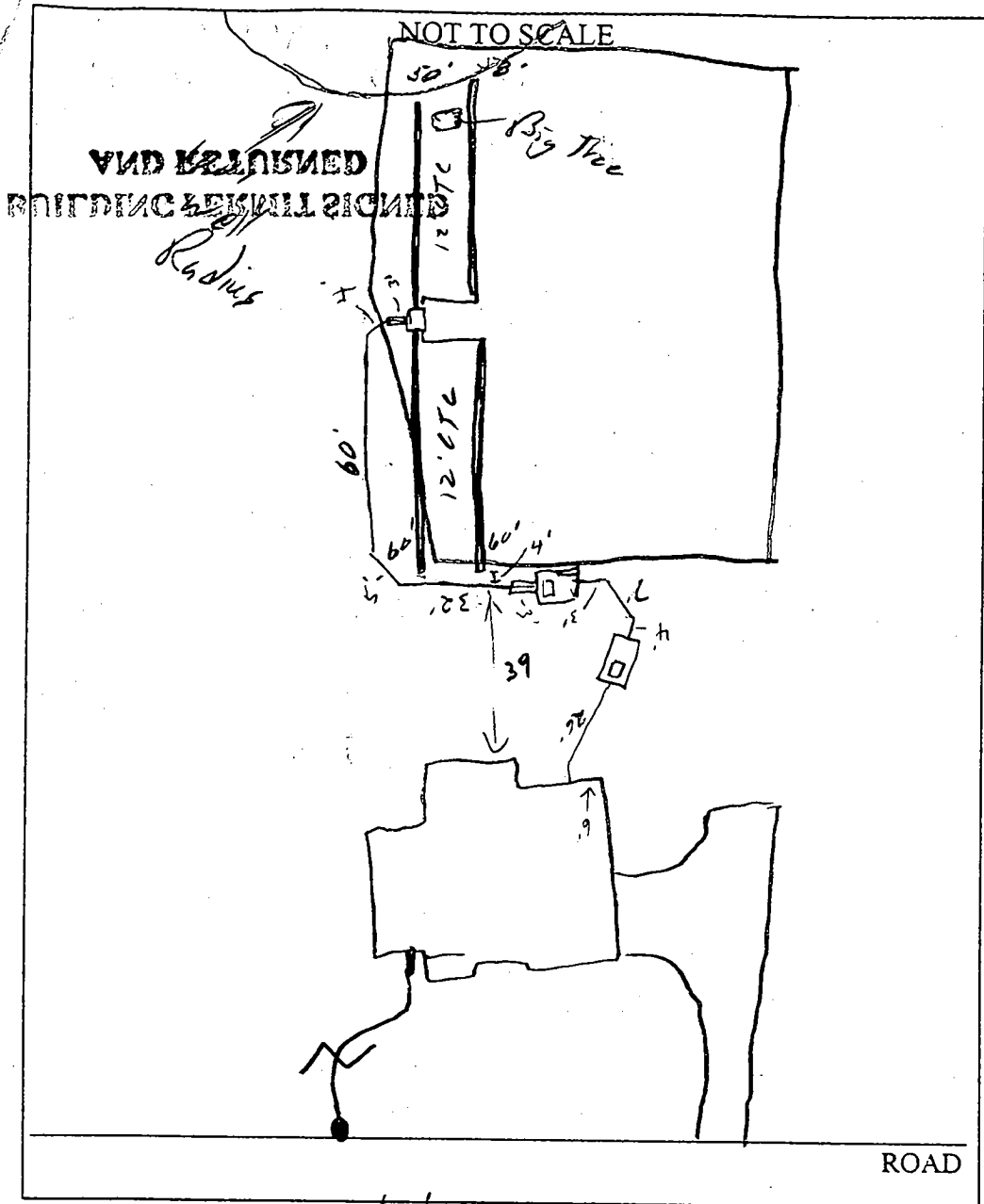
NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT ALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

BUILDING PERMIT SIGNED AND RETURNED

*42503 B00141455-46 Propane Tank
 59808 B00153832-Rec Room
 57005 B00155350-Deck*

AS9946-A

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3'	3"	5'
NUMBER OF TRENCHES		3
TOTAL LENGTH		228'
ABSORPTION AREA		664#
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"/>
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Front
6" PORT LOC	<input checked="" type="checkbox"/>
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	3'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Rear
6" PORT LOC	<input checked="" type="checkbox"/>
WATERTIGHT TEST	<input checked="" type="checkbox"/>

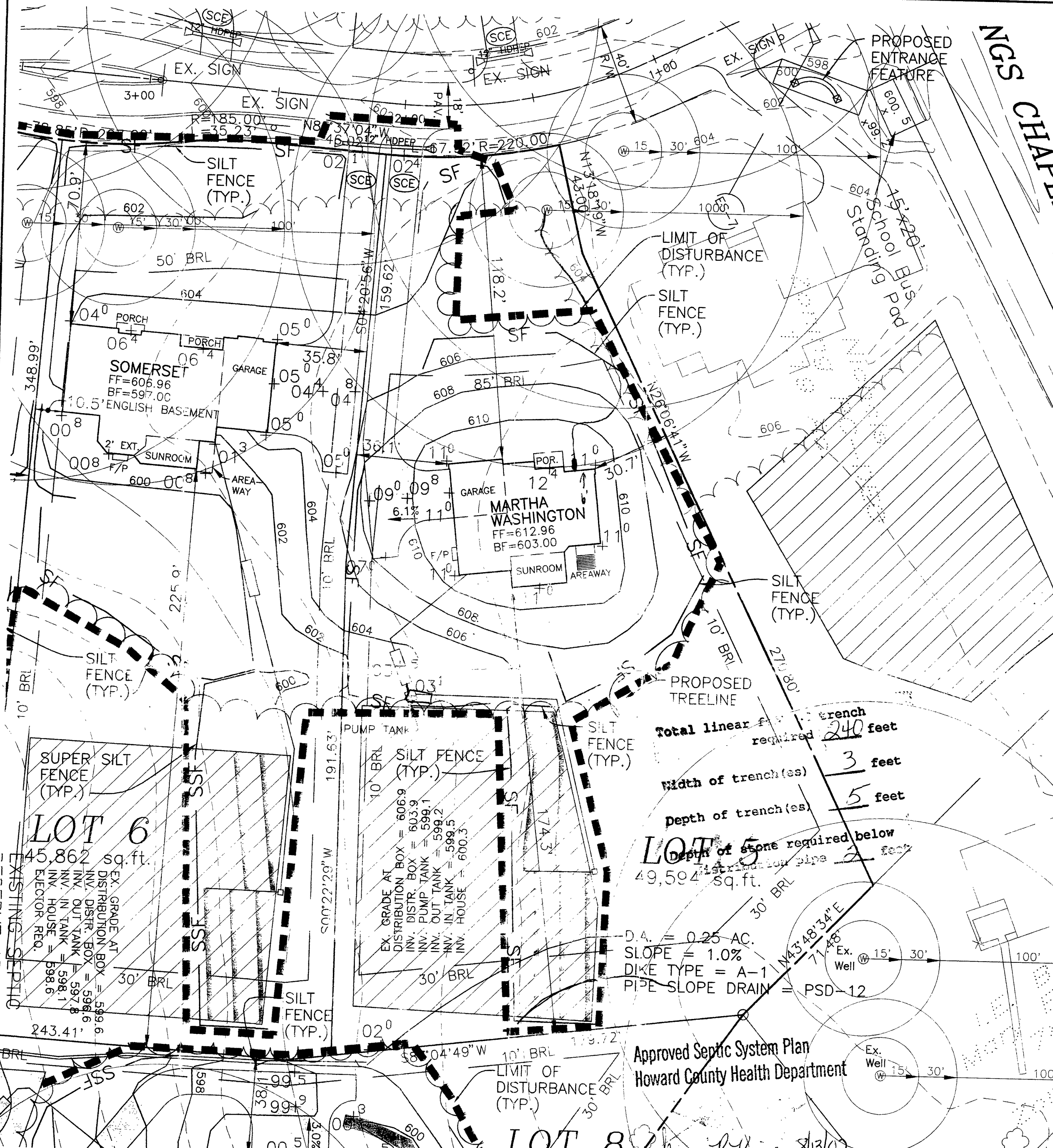
PRE-CONSTRUCTION 4/16/03 SRA Staked. Adj well for house behind 85' from SRA. Measured & marked 100 radius. Move DB & Trenches 5' towards house.

INSTALLATION will lose \therefore 13' on far side of SRA (50) 4/25/03 OK to cover all work. Pump & Alarm tests needed (SC)

4/29/03 Pump & Alarm tests OK (SC)

FINAL INSPECTOR John [Signature] DATE OF APPROVAL 4/29/03

NGS CHAPEL



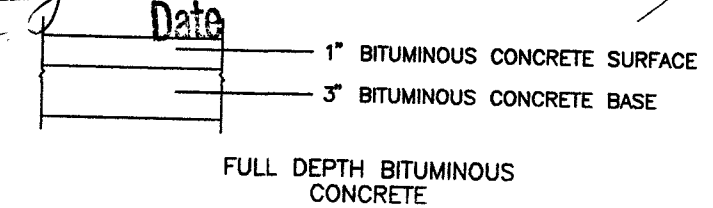
Total linear feet of trench required 240 feet
 Width of trench(es) 3 feet
 Depth of trench(es) 5 feet

LOT 5
 Depth of stone required below distribution pipe 2 feet
 49,594 sq. ft.

D.A. = 0.25 AC.
 SLOPE = 1.0%
 DIKE TYPE = A-1
 PIPE SLOPE DRAIN = PSD-12

Approved Septic System Plan
 Howard County Health Department

Steven R. Krieg
 Signature
 8/13/02
 Date



PAVING SECTION
 NOT TO SCALE

COLTON COURT

(40' R/W)

L=64.72'

R=220.00

N131.819"W
43.00'

S04°20'56"W
159.62'

7.81'

85' BRL

N25°06'41"W

31'±

SEE
DETAIL

D.R. HORTON, INC.
Zoning RC-DE1
5305/96

4/10/03
wall check
O.K.

LOT 6

LOT 5

191.63'

S 00°22'29" W

10' BRL

30' BRL

S 83°04'49" W

161.58'

10' BRL

270.80'

30' BRL

71.48'

N47°48'34"E

M/F
L.E. Bailey Jr.
Mary Ettna Bailey
784/476

LOT 8

FIRST FLOOR ELEVATION = 613.2'
OFFSET DIMENSIONS TO PROPERTY LINES ARE ±1'

SURVEYOR'S CERTIFICATE

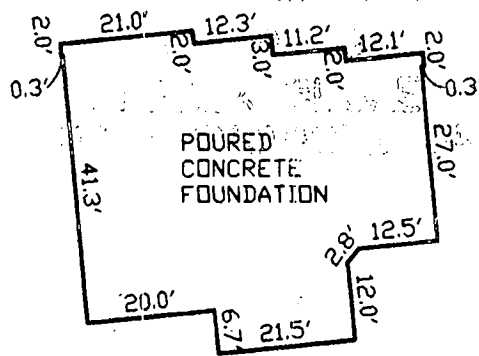
I HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL KNOWLEDGE, INFORMATION AND BELIEF, THAT THE DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC. ON 03/21/03 ; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY RODGERS & ASSOCIATES, INC. ENTITLED " THE WESTWOODS OF CHERRY GROVE ", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No.14809

DAVID M. HARRIS
REGISTERED PROFESSIONAL LAND SURVEYOR
MD REG. No. 10978
FOR BENCHMARK ENGINEERING, INC.
MD REG. No. 351
RECORD PLAT No. 14809
FEMA FIRM No. 240044 0013 B
ZONE: C
DATED: 12/04/86

BENCHMARK

ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE & SUITE 418
ELICOTT CITY, MARYLAND 21043
phone: 410-465-6108 & fax: 410-465-6844
email: Benchmri@bode.com



FOUNDATION DETAIL

SCALE: 1" = 30'

WALL CHECK

THE WESTWOODS OF
CHERRY GROVE
LOT No. 5

16805 COLTON COURT

4TH ELECTION DISTRICT
HOWARD COUNTY, MARYLAND

SCALE: 1" = 50' DATE: 03/21/03

**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: Ben Lewis Telephone #: 301-488-9000
Address: 23407 Frederick Rd
Clarksville, MD 21031

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer
License # and name of individual responsible for the field installation: _____ License# 17867
Name (Print): Frank Nixie
*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: D. R. Norton Telephone #: 301-650-6144
Subdivision: Cherry Hill Lot #: 5 Well Tag #: HO-04-2764
Site Address: 16805 Cotton Ct
Woodbine, MD 21797

Submersible Pump Data
Make: Grundfos
Model #: 113
Pump Capacity 113 GPM
Well Yield: 3 GPM

Pitless Adapter
Make: Campbell
Model #: _____
Depth: 36 (36" min)
NSF approved:

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

Depth of well encountered at time of pump installation: 228 (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: Black 1"
PSI: 200 (160 psi min)
Depth of supply line: 36 (36" min)

House Connection
PVC sleeved to undisturbed soil at wall penetration: _____
Approximate length of sleeve: _____
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: [Signature] date: 1/13/03

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

Date Insp. Requested: 1/14/03 AM Date Insp. Approved: 4/30/03 (50) 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

ST/CO USE ONLY DATE Received MM DD YY DATE WELL COMPLETED MM DD YY 2000 8 25 2000 Depth of Well 22 380 26 PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-2764

OWNER **GROUPEMONT DEVELOPMENT LLC** STREET OR RFD **COLTON COURT** TOWN **LISBON** SUBDIVISION **WESTWOODS AT CHERRY GROVE** SECTION **SECTION** LOT **+5**

WELL LOG
Not required for driven wells

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Yellow clay	0	8	
Brown shale	8	80	
Blue Rock	80	380	✓

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**

TYPE OF GROUTING MATERIAL (Circle one)
CEMENT **CM** BENTONITE CLAY **BC**

NO. OF BAGS **25** NO. OF POUNDS **2350**

GALLONS OF WATER **150**

DEPTH OF GROUT SEAL (to nearest foot)
from **0** ft. to **80** ft.
(enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL **CO** CONCRETE
PL PLASTIC **OT** OTHER

MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **85**

OTHER CASING (if used)

diameter inch depth (feet) from to

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL **BR** BRASS **HO** OPEN HOLE
PL PLASTIC **OT** OTHER

NUMBER OF UNSUCCESSFUL WELLS: **0**

WELL HYDROFRACTURED **Y** **N**

CIRCLE APPROPRIATE LETTER

A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. **MSD024**
Joseph L. Mayne
DRILLERS SIGNATURE
(MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. **D**

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

C 2 DEPTH (nearest ft.)

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	

DIAMETER OF SCREEN (NEAREST INCH) **56** **60**

from to

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) W Q

70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST

HOURS PUMPED (nearest hour) **3**

PUMPING RATE (gal. per min.) **4 1/2**

METHOD USED TO MEASURE PUMPING RATE **Bucket**

WATER-LEVEL (distance from land surface)

BEFORE PUMPING **41** ft.

WHEN PUMPING **340** ft.

TYPE OF PUMP USED (for test)

A air **P** piston **T** turbine
C centrifugal **R** rotary **O** other (describe below)
J jet **S** submersible

PUMP INSTALLED

DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES **NO**

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS.

TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29

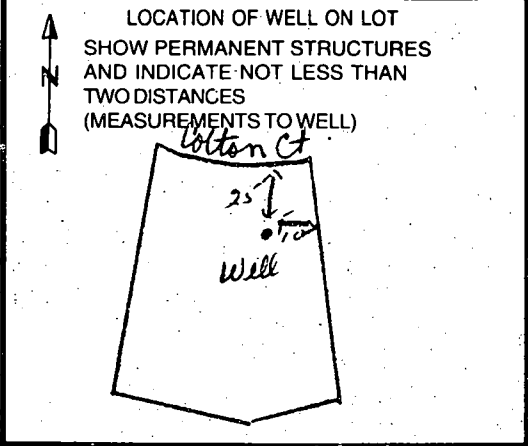
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 35

PUMP HORSE POWER 37 41

PUMP COLUMN LENGTH (nearest ft.) 43 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above LAND SURFACE **2** (nearest foot)
- below



B 1 5991

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

STATE PERMIT NUMBER

Ho - 94 - 2764

W 514154 please print or type

fill in this form completely

Date Received (APA)

OWNER INFORMATION

8 MM DD YY 13

Grove ment Development L.L.C. Last Name Owner First Name

Box H17 Street or RFD

Ellicott City md 21041 Town State Zip

B 3

LOCATION OF WELL

Howard COUNTY

The Westwoods of Cherry Grove SUBDIVISION

SECTION 44 46 LOT 1 48 50

Lisbon NEAREST TOWN

MILES FROM TOWN (enter 0 if in town) 5 M I 73 76 77 78

DRILLER INFORMATION

Joseph L. Maype M S D O 24 Driller's Name License No.

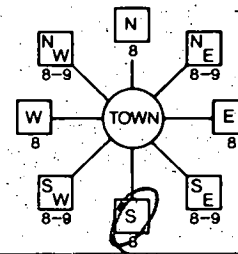
Joseph L. Maype Well Drilling Firm Name

5512 Ridge Rd Mt. Airy 21771 Address

Joseph L. Maype 7/26/2000 Signature Date

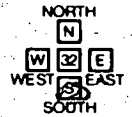
B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Colton Court NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



25 DISTANCE FROM ROAD FT

ENTER FT OR MI 38 39

TAX MAP: 13 BLK. PARCEL

B 2

WELL INFORMATION

APPROX. PUMPING RATE 5 (GAL. PER MIN.)

AVERAGE DAILY QUANTITY NEEDED 500 (GAL. PER DAY)

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 COUNTY NAME COUNTY NO. 13

STATE SIGNATURE INSERT S

DATE ISSUED 08 09 00 CO SIGNATURE EXP DATE

NORTH GRID 530 000 EAST GRID 0772 000

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

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)

- 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 DEEPEAN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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

APPROP. PERMIT NUMBER

PERMIT No. Ho 94 2764

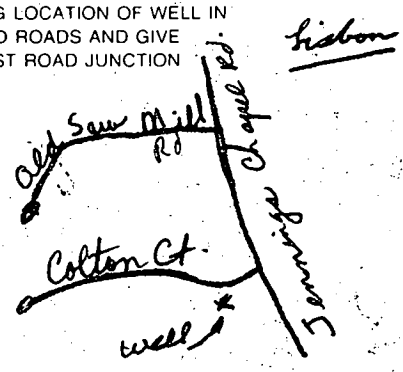
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 7702
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 AUTHORITY SHOULD USE SEPARATE SHEET IF NEEDED

I.E. Baines, Baines
Mary Etno
784/476
P. 81
Zoning RC-DEO

Ex. Well

Nichols
Zoning RC-DEO
1.19 Ac.

S13°18'19"E

845.87'

LOT 1
45,962 sq. ft.

LOT 2
42,850 sq. ft.

WELL SITE OR
8/2/00

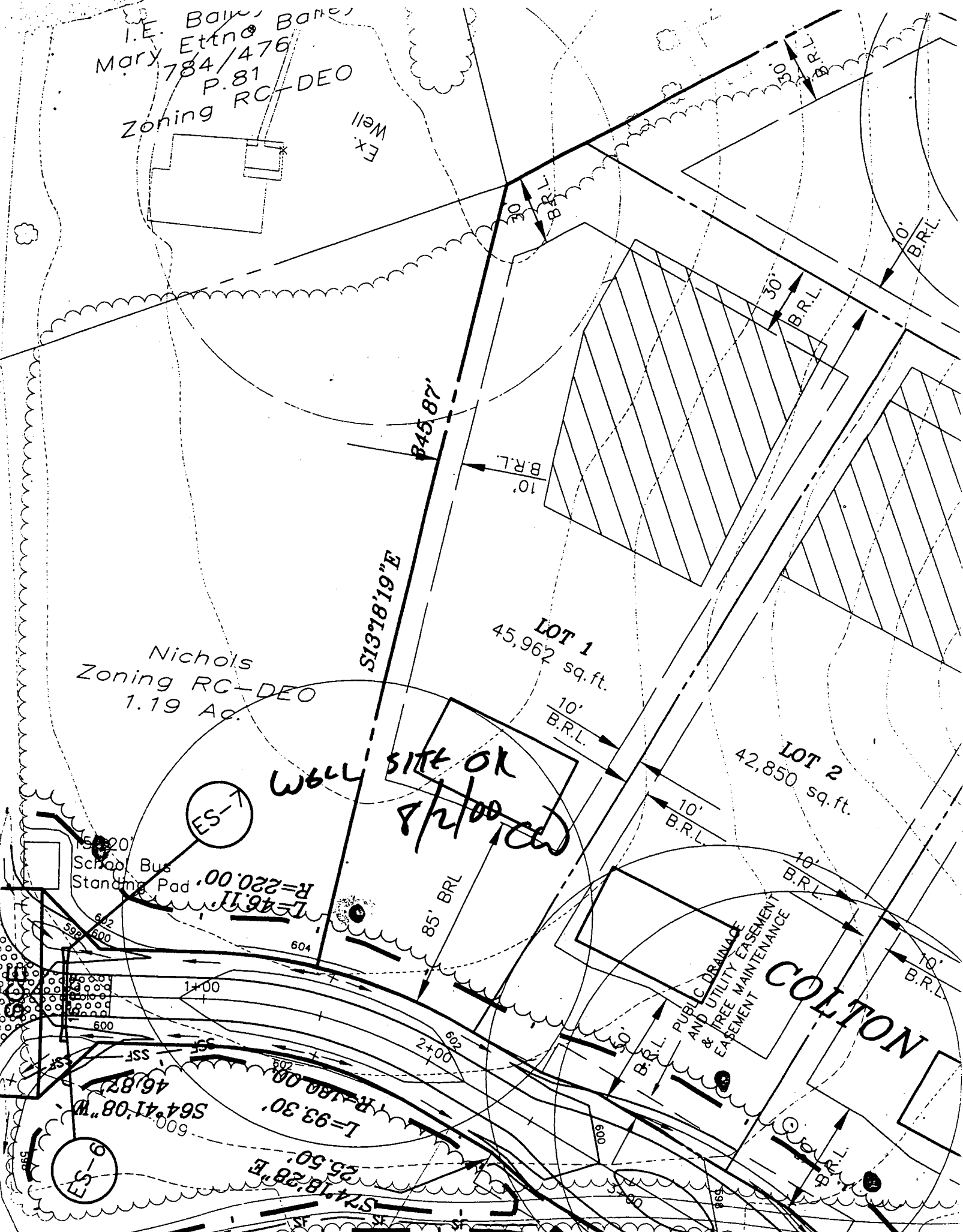
Sch. Bus
Standing Pad
R=220.00'
L=46.11'

PUBLIC DRAINAGE
AND UTILITY EASEMENT
& TREE MAINTENANCE
EASEMENT

COLTON

S64°41'08"W
L=93.30'
R=180.00'

S74°18'28"E
L=25.50'



APPLICATION

PERCOLATION TESTING

A 59946

P _____

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

DISTRICT _____

DATE _____

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 MARSHALL W. NICHOLS

ADDRESS 2937 JENNINGS CHAPEL ROAD
WOODRIDGE, MD 21797 PHONE _____

AGENT OR PROSPECTIVE BUYER DAVID E. WILKINSON @ MACRO LTD. REAL ESTATE SERVICES

ADDRESS 5301 BUCKEYSTOWN PIKE, SUITE 300
FREDERICK, MD 21704 PHONE (301) 698-9696

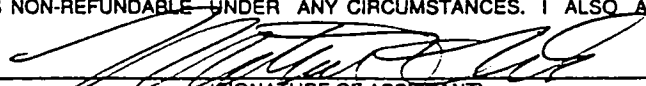
PROPERTY LOCATION:

IBDIVISION NICHOLS' PROPERTY LOT NO. _____

ROAD AND DESCRIPTION JENNINGS CHAPEL ROAD, HOWARD COUNTY

TAX MAP 13 PARCEL # P/D 46

SIZE OF LOT 40,000 - 60,000 sq. ft. 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. 
(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

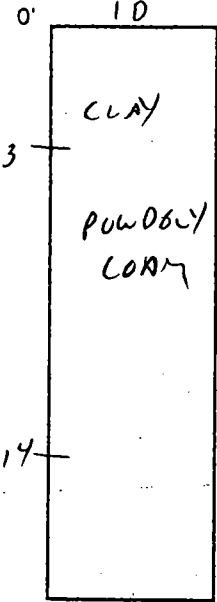
NICHOLS SUBD.

A59946

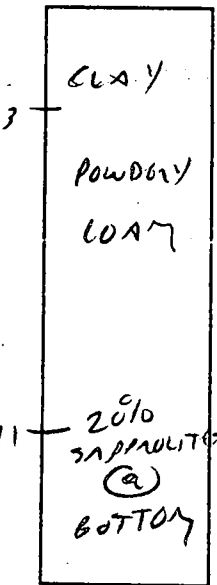
COUNTY #

SOIL PROFILE

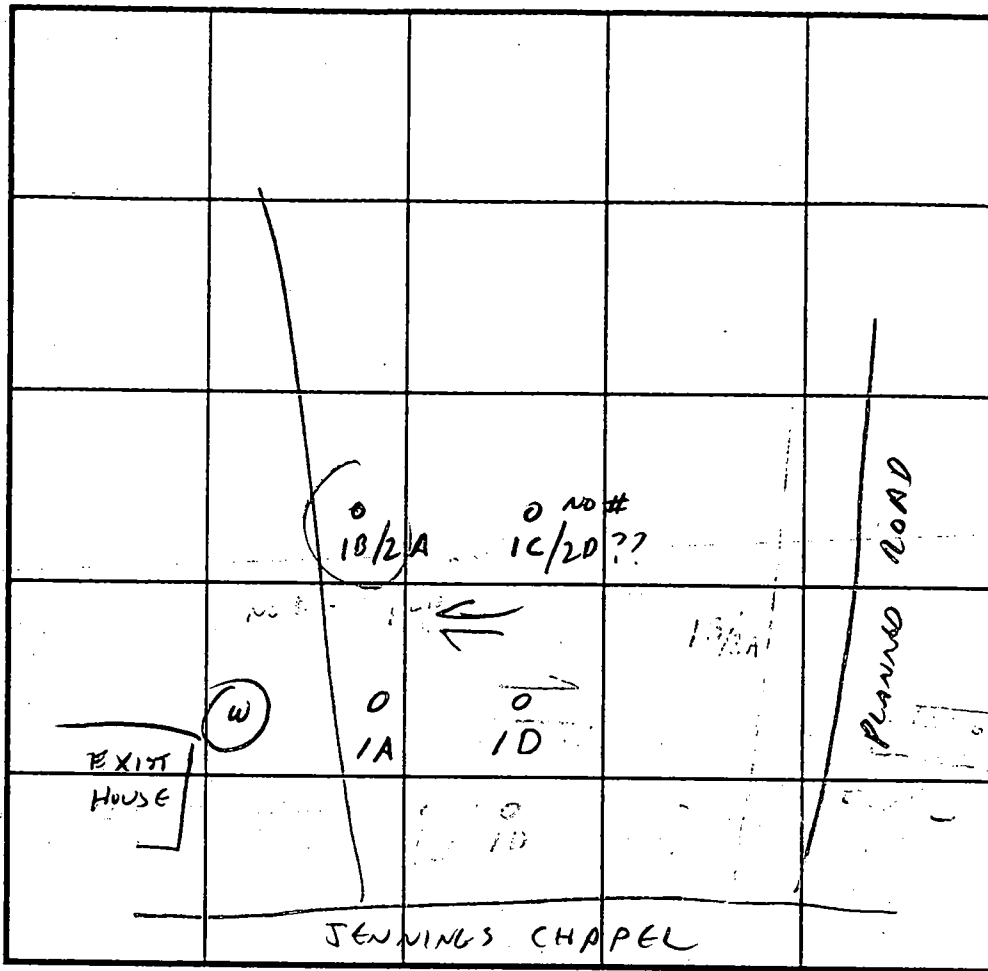
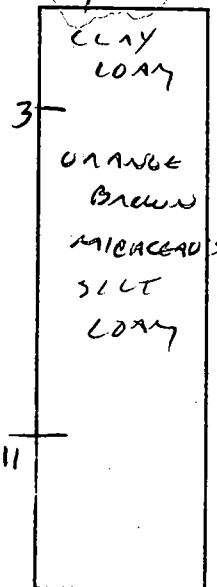
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IA

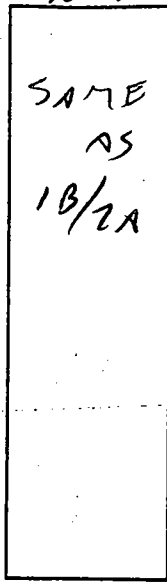


1B/2A



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

1C/2D??
SOIL PROFILE NO #

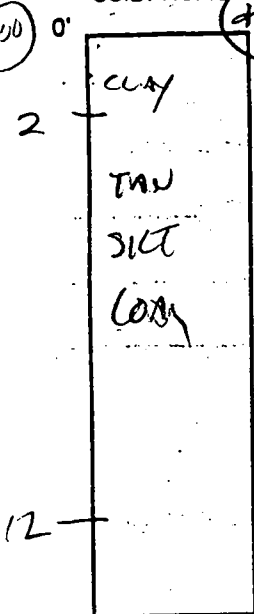


DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/14/98	10	5	2:16	2:21	2:21	2:29	8 MIN
		VIS OK	4-14				
	1A	5	2:18	2:22	2:22	2:28	6 MIN
		SOIL VIS OK	3-11				
		LOCATION UNACCEPTABLE - CLOSE TO NEIGHBORING WELL					
	1B/2A	3 1/2	2:04	2:07	2:07	2:11	4 MIN
	NO #	VIS OK - SAME AS 1B/2A					
	(1C/2D??)						

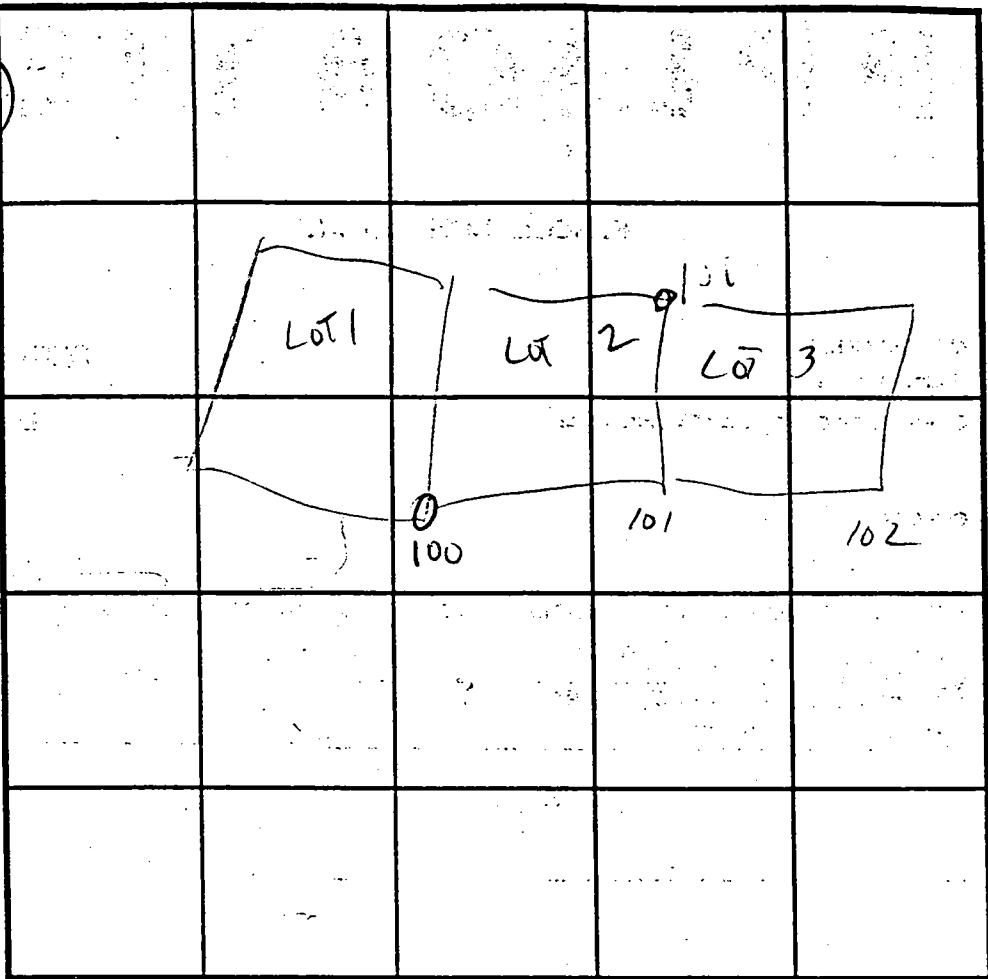
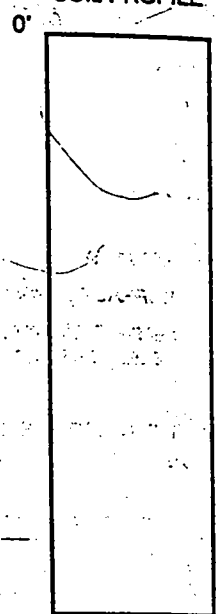
REMARKS _____
 TYPE OF SOIL _____
 TESTED BY Cwillia ALSO PRESENT SHALT
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____
 INLET DEPTH _____ MAXIMUM BOTTOM DEPTH _____ SQ. FT./BEDROOM _____

COUNTY #

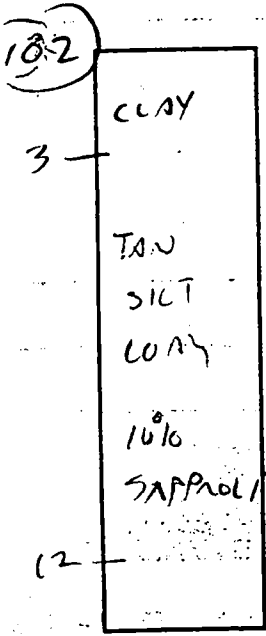
SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.



DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
3/17/99	100	3	2:26	2:35	2:35	2:42	7min
	101	3	2:27	2:36	2:36	2:44	8min
	102	3	2:33	2:39	2:39	2:48	9min

REMARKS BROAD MINOR SWALE THRU HOLD 101 - NO CONSEQUENCE

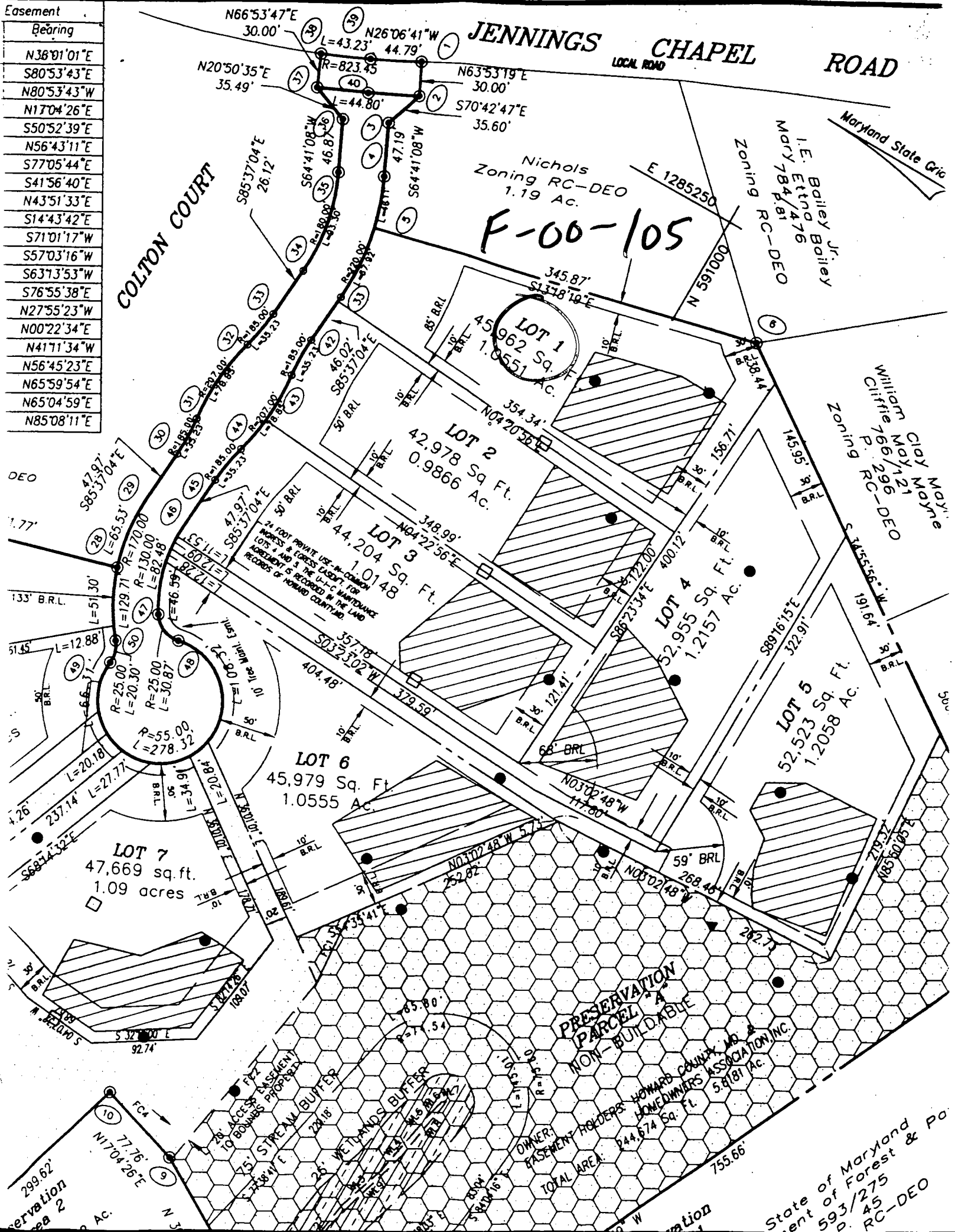
TYPE OF SOIL UNCHARACTERISTICALLY SLOW - SOILS SATURATED BY SNOW MELT.

TESTED BY C. Willen ALSO PRESENT N SHARP

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

Bearing
N36°01'01"E
S80°53'43"E
N80°53'43"W
N17°04'26"E
S50°52'39"E
N56°43'11"E
S77°05'44"E
S41°56'40"E
N43°51'33"E
S14°43'42"E
S71°01'17"W
S57°03'16"W
S63°13'53"W
S76°55'38"E
N27°55'23"W
N00°22'34"E
N41°11'34"W
N56°45'23"E
N65°59'54"E
N65°04'59"E
N85°08'11"E



JENNINGS CHAPEL ROAD
LOCAL ROAD

Nichols
Zoning RC-DEO
1.19 Ac.

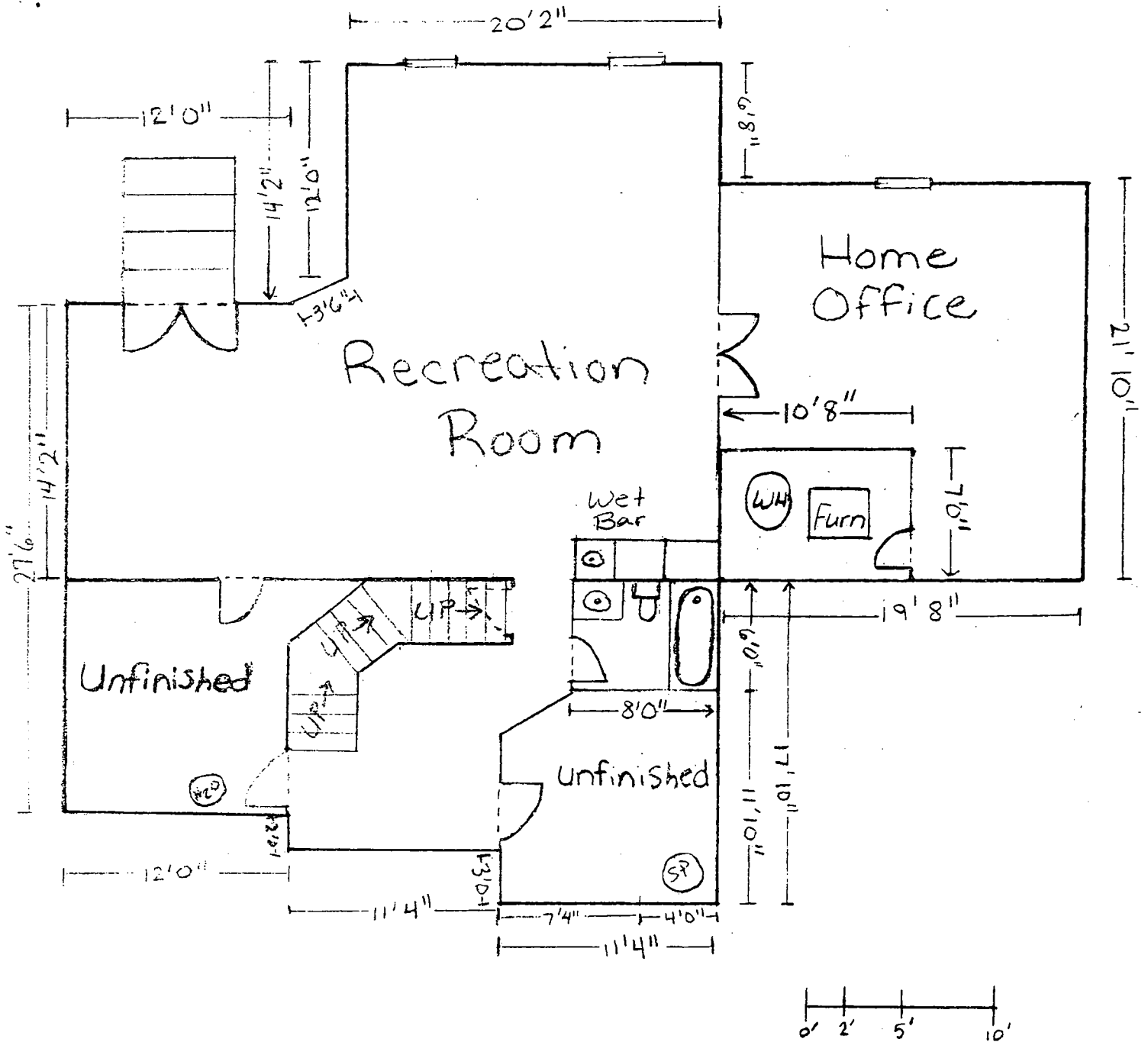
F-00-105

Maryland State Grid
I.E. Bailey Bailey
MAY 784/476
Zoning RC-DEO

Clay Moore
MAY 121
WILLIE P. RC-DEO
766/296

PRESERVATION PARCEL A
NON-BUILDABLE
OWNER: HOWARD COUNTY HOMEOWNERS ASSOCIATION, INC.
TOTAL AREA: 244,674 Sq. Ft. 5.9181 AC.

State of Maryland
Department of Forest & Parks
P. 45
RC-DEO



16805 COLTON COURT

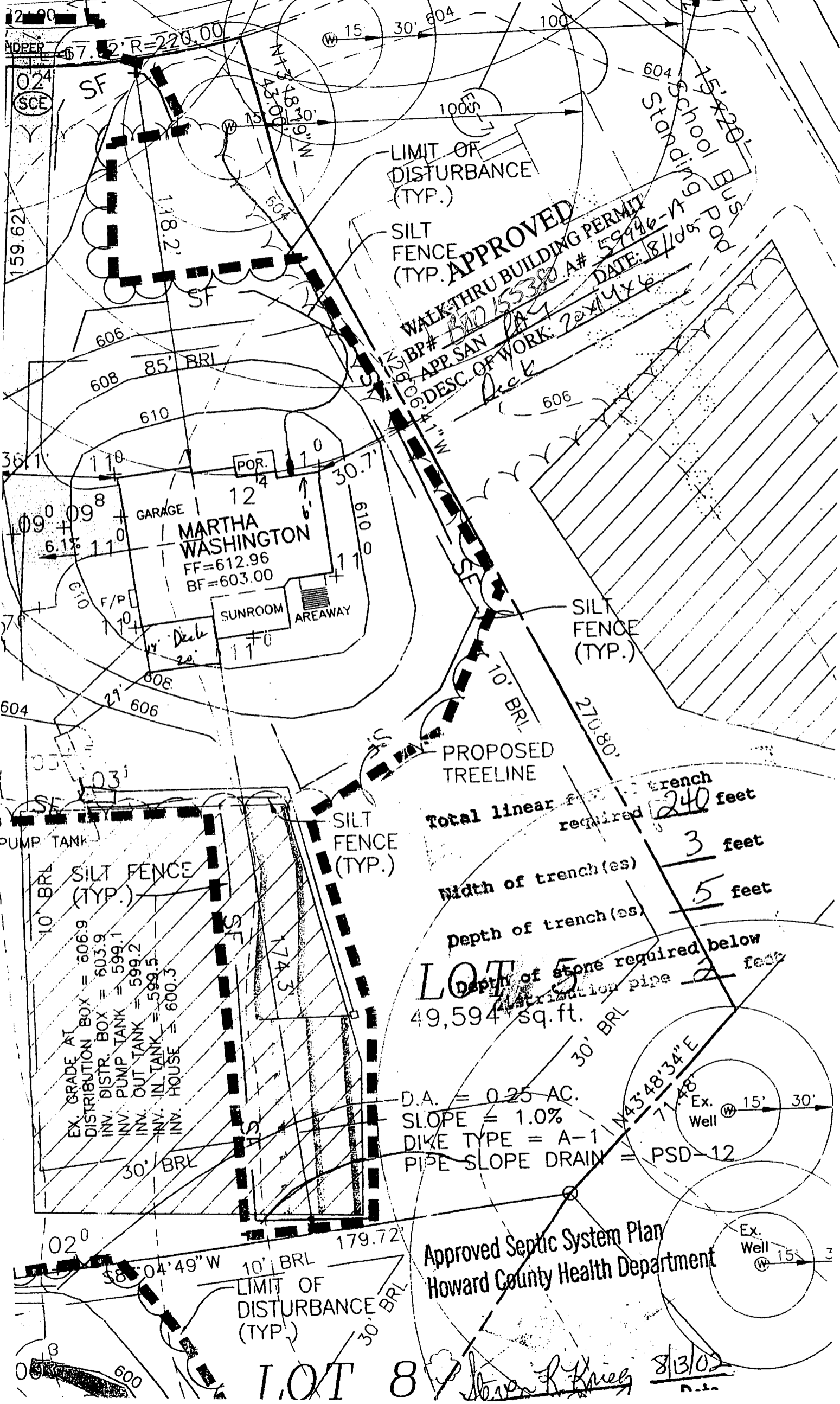
APPROVED

WALK-THRU BUILDING PERMIT

BP# B00183832 A# 59946-A

APP. SAN SFO DATE: 5/14/05

DESC. OF WORK: Finish
Basement



LIMIT OF DISTURBANCE (TYP.)

SILT FENCE (TYP.)

APPROVED
 WALK-THRU BUILDING PERMIT
 APP SAN BP# 180155380 A# 5946-VA
 DATE: 8/1/02
 DESC. OF WORK: 2x14x6 Deck

MARTHA WASHINGTON
 FF=612.96
 BF=603.00

GARAGE 12
 SUNROOM
 AREAWAY

PROPOSED TREELINE

Total linear feet required	240 feet
Width of trench(es)	3 feet
Depth of trench(es)	5 feet

LOT 5
 49,594 sq. ft.
 Depth of stone required below distribution pipe 2 feet

- EX. GRADE AT DISTRIBUTION BOX = 606.9
- INV. DISTR. BOX = 603.9
- INV. PUMP TANK = 599.1
- INV. OUT TANK = 599.2
- INV. IN TANK = 599.5
- INV. HOUSE = 600.3

D.A. = 0.25 AC.
 SLOPE = 1.0%
 DIKE TYPE = A-1
 PIPE SLOPE DRAIN = PSD-12

Approved Septic System Plan
 Howard County Health Department

LOT 8
 Steven R. Krieg 8/13/02

30 Scale