

LAYOUT 4/5/04 Am INSP 4 4/12/04  
 INSP 2 4/7/04 Pm INSP 5 7/26/04 11:00  
 INSP 3 4/8/04 INSP 6 \_\_\_\_\_

ISSUE DATE: 2/27/2004

P 520073

APPROVAL DATE: 7/27/04

A 514292-W

**PERMIT  
INDEXED**

437164

**ON-SITE SEWAGE DISPOSAL SYSTEM  
 HOWARD COUNTY HEALTH DEPARTMENT  
 BUREAU OF ENVIRONMENTAL HEALTH  
 3525-H ELLICOTT MILLS DRIVE, ELLICOTT CITY, MD 21043**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

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

SUBDIVISION: Pindell Chase LOT NUMBER: 22

ADDRESS: 11715 Pindell Chase Drive PROPERTY OWNER: Toll MD II

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

PUMP CHAMBER CAPACITY (GALLONS): 1250 COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: 4

SQUARE FEET PER BEDROOM: 210

LINEAR FEET OF TRENCH REQUIRED: 232 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 5.5 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box about 20feet from the highest corner easement stake as shown on approved building permit plan. Run trenches on contour in both directions.
NOTES:	Keep the well line 10' from the septic line. The septic tanks and trenches must be 100' from any wells. Trenches should be spaced 10' center to center.

PLANS APPROVED: Brian Baker DATE: 11/5/03

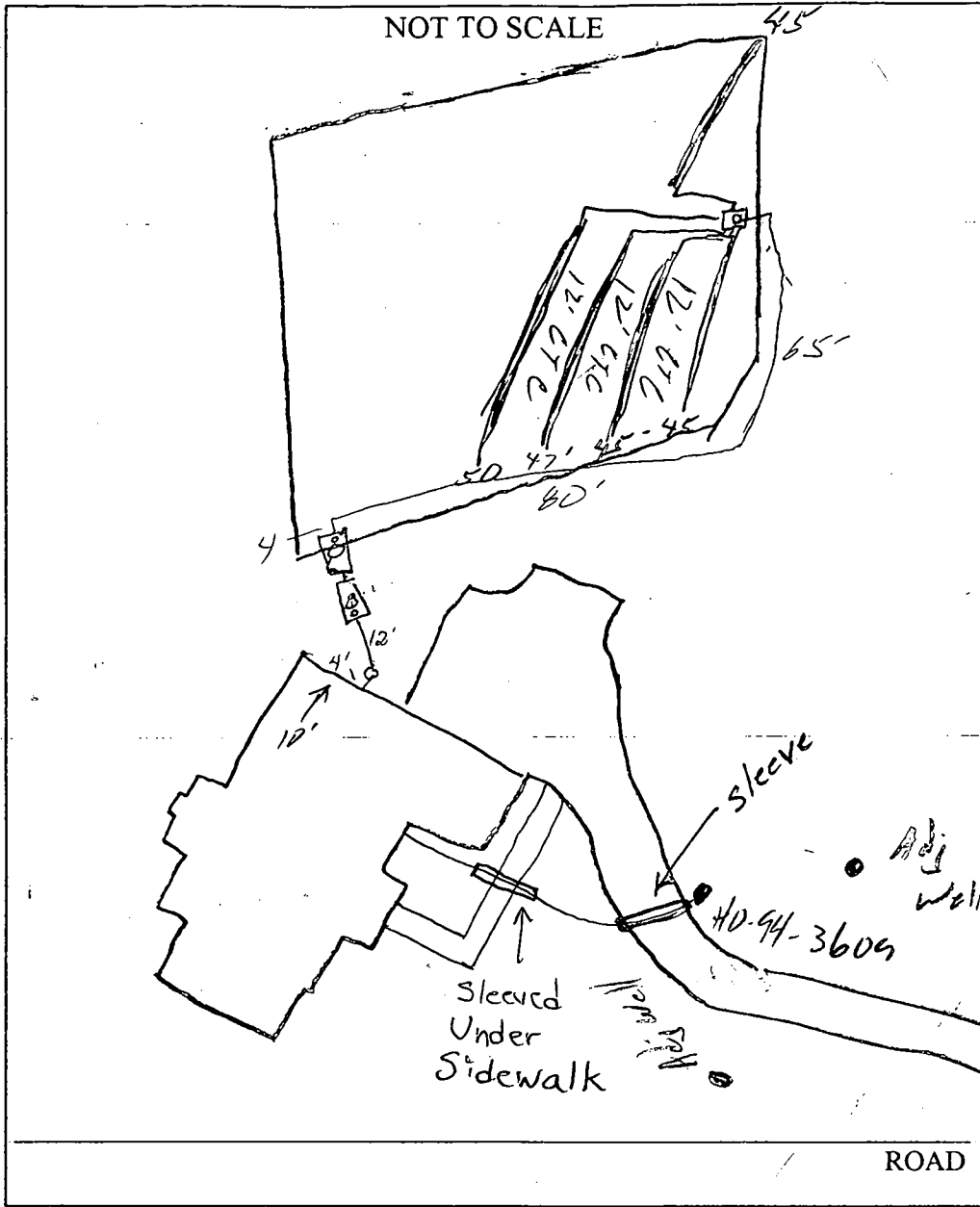
NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC 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 AND RETURNED**  
 CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM  
 DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL

8-18-04 BOOK 19940 - FINISH Basement

A 514 292-W



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	4.5	6.5
NUMBER OF TRENCHES		5
TOTAL LENGTH		232'
ABSORPTION AREA		696 + Sidewalk
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	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1-2'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Front
WATERTIGHT TEST	<input checked="" type="checkbox"/>
SEPTIC TANK 2 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	1-2'
BAFFLES	<input checked="" type="checkbox"/>
BAFFLE FILTER	<input checked="" type="checkbox"/>
MANHOLE LOC	Center
6" PORT LOC	Back
WATERTIGHT TEST	<input checked="" type="checkbox"/>

PRE-CONSTRUCTION 4/5/04 SDA Staked + center appears OK. Install per plan (EB)

INSTALLATION 4/7/04 - Not Ready (SO)

4/12/04 - System installed OK to cover pump & Alarm tests needed (SO) 7/26/04 - No elec. (SO)

7/27/04 Pump and alarm working. (BB)

BUILDING PERMIT SIGNED AND RETURNED

FINAL INSPECTOR B. Baker DATE OF APPROVAL 7/27/04

10' PUBLIC TREE MAINTENANCE EASEMENT

PINDELL CHASE DRIVE  
(40' R/W)

S 36°31'31" E  
8.00'



NON-BUILDABLE PRESERVATION PARCEL 'A' FOR STORMWATER MANAGEMENT SHALL BE OWNED AND MAINTAINED BY THE PINDELL CHASE HOMEOWNERS' ASSOCIATION, INC. EASEMENT HOLDER TO BE HOWARD COUNTY, MARYLAND.

LOT 24.

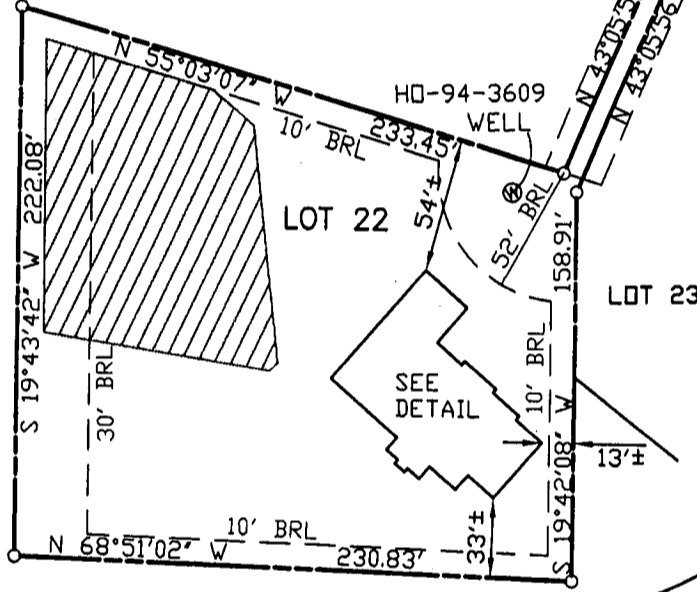
2/27/04  
Wall Check  
OK

KN

PRIVATE 24' USE-IN-COMMON ACCESS EASEMENT FOR THE USE AND BENEFIT OF LOTS 21, 22 AND 23

LOT 21

PRIVATE STORMWATER MANAGEMENT, DRAINAGE, UTILITY AND ACCESS EASEMENT

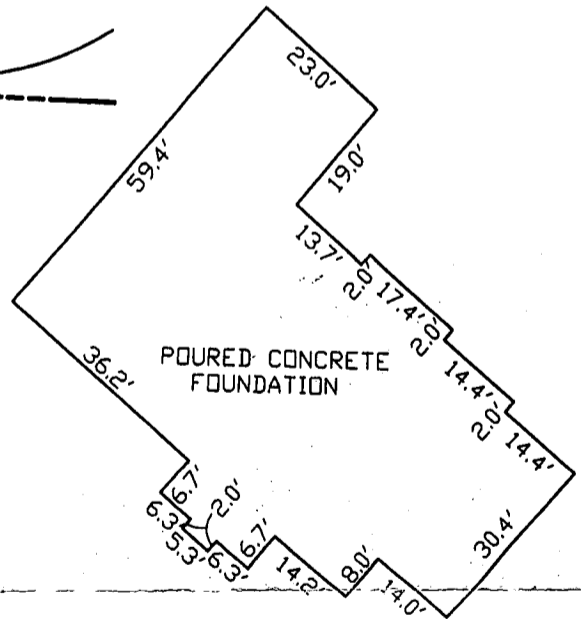


NON-BUILDABLE PRESERVATION PARCEL 'A' FOR STORMWATER MANAGEMENT SHALL BE OWNED AND MAINTAINED BY THE PINDELL CHASE HOMEOWNERS' ASSOCIATION, INC. EASEMENT HOLDER TO BE HOWARD COUNTY, MARYLAND.

TOP OF FOUNDATION WALL ELEVATION = 490.4'  
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 02/04/04; AND THAT THE PROPERTY OUTLINE SHOWN HEREON IS BASED ON THE PLAT PREPARED BY FISHER, COLLINS & CARTER, INC. ENTITLED "PINDELL CHASE LOTS 1 THRU 24", AND RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY AS PLAT No. 16073



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. 16073  
FEMA FIRM No. 240044 0038 B  
ZONE: C  
DATED: 12/04/86



WALL CHECK  
PINDELL CHASE  
LOTS 1 THRU 24  
LOT No. 22

11715 PINDELL CHASE DRIVE

5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1" = 80' DATE: 02/04/04

**BENCHMARK**  
ENGINEERS & LAND SURVEYORS & PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-465-6105 & fax: 410-465-6844  
email: Benchmark@ccal.com

**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: Fogles Well Drilling Telephone #: 410-795-5670  
Address: 588 Obrecht Rd  
Sylesville, md 21784

(Must circle one) Licensed Plumber      Licensed Well Driller      Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:

Name (Print): Allen Compton License# MSD 009

\*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: Toll Brothers Telephone #: \_\_\_\_\_  
Subdivision: Pindell Chase Lot #: 22 Well Tag #: HO - 94 - 3609  
Site Address: 1175 Pindell Chase

**Submersible Pump Data**

Make: Goulds  
Model #: 58A10422  
Pump Capacity: 5 GPM  
Well Yield: 1 GPM

**Pitless Adapter**

Make: Combehl  
Model#: N/A  
Depth: 36 (36" min)  
NSF approved: yes

**Well Cap and Electric Conduit**

Two piece watertight cap: yes  
Screened, vented well cap: yes  
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: 525 (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 N/A

**Piping to house**

Type: 1" Black Poly  
PSI: 160 (160 psi min)  
Depth of supply line: 42 (36" min)

**House Connection**

PVC sleeved to undisturbed soil at wall penetration: yes  
Approximate length of sleeve: 5  
Sleeve caulked and sealed properly: yes


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: Allen Compton date: 7-22-04

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

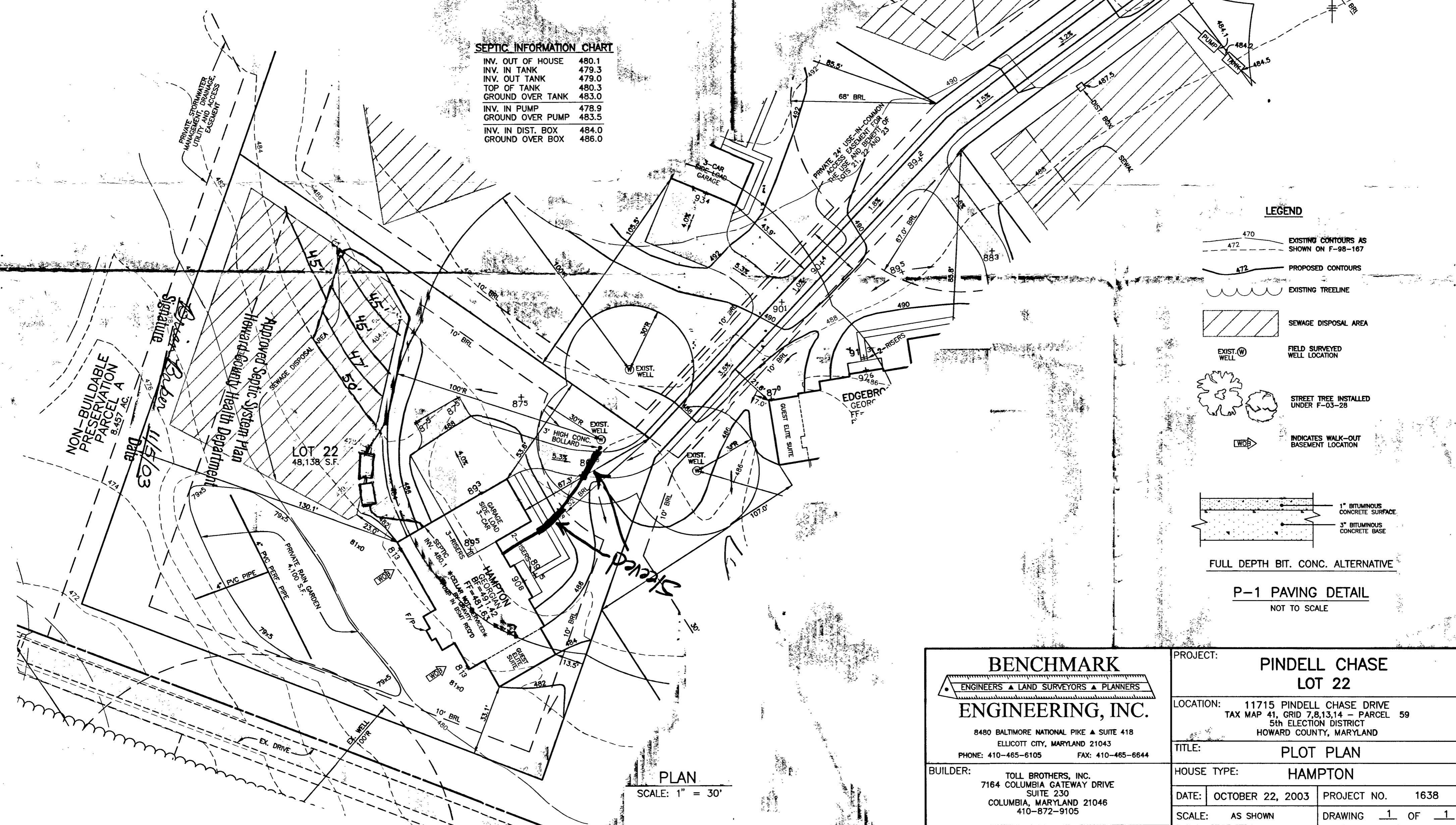
Date Insp. Requested: 7/1/04 Date Insp. Approved: 7/1/04 RB  
Inspection Data: Pitless adapter and water supply line at least 36" below grade   
Two piece cap installed and attached to casing securely   
Elec. conduit extends at least 18" below grade/attached to cap properly   
Safety rope installed 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

**NOTES:**


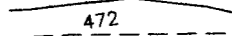
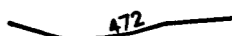
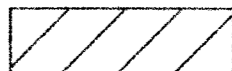


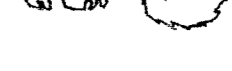

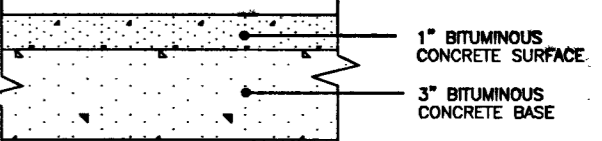
1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 16073. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
2.  THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA IS RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THIS EASEMENT SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. SEDIMENT AND EROSION CONTROLS WERE APPROVED BY HOWARD SOIL CONSERVATION DISTRICT UNDER F-03-28 AND SHALL COMPLY WITH THE 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
4. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
5. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
6. STORMWATER MANAGEMENT FOR THIS LOT WAS PROVIDED UNDER F-03-28.
7. THE EXISTING WELL (TAG NO. HO-94-3609) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON 9-25-03 AND IS ACCURATELY SHOWN.

**SEPTIC INFORMATION CHART**

INV. OUT OF HOUSE	480.1
INV. IN TANK	479.3
INV. OUT TANK	479.0
TOP OF TANK	480.3
GROUND OVER TANK	483.0
INV. IN PUMP	478.9
GROUND OVER PUMP	483.5
INV. IN DIST. BOX	484.0
GROUND OVER BOX	486.0



**LEGEND**

-  470 EXISTING CONTOURS AS SHOWN ON F-98-167
-  472 PROPOSED CONTOURS
-  EXISTING TREELINE
-  SEWAGE DISPOSAL AREA
-  EXIST (W) WELL
-  FIELD SURVEYED WELL LOCATION
-  STREET TREE INSTALLED UNDER F-03-28
-  INDICATES WALK-OUT BASEMENT LOCATION
-  1" BITUMINOUS CONCRETE SURFACE  
3" BITUMINOUS CONCRETE BASE

FULL DEPTH BIT. CONC. ALTERNATIVE

**P-1 PAVING DETAIL**  
NOT TO SCALE

**BENCHMARK**  
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 FAX: 410-465-6644

**BUILDER:** TOLL BROTHERS, INC.  
7164 COLUMBIA GATEWAY DRIVE  
SUITE 230  
COLUMBIA, MARYLAND 21046  
410-872-9105

<b>PROJECT:</b> PINDELL CHASE LOT 22	
<b>LOCATION:</b> 11715 PINDELL CHASE DRIVE TAX MAP 41, GRID 7,8,13,14 - PARCEL 59 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
<b>TITLE:</b> PLOT PLAN	
<b>HOUSE TYPE:</b> HAMPTON	
<b>DATE:</b> OCTOBER 22, 2003	<b>PROJECT NO.</b> 1638
<b>SCALE:</b> AS SHOWN	<b>DRAWING</b> 1 OF 1

**PLAN**  
SCALE: 1" = 30'

C1 14375

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

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

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

COUNTY NUMBER 514292-W

DATE RECEIVED 02 10 03

DATE WELL COMPLETED 01 08 03

DEPTH OF WELL 525 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3609

OWNER TOLL BROTHERS STREET OR RFD PINDELL CHASE DRIVE TOWN COLUMBIA SUBDIVISION PINDELL CHASE SECTION LOT 22

WELL LOG Not required for driven wells

GROUTING RECORD WELL HAS BEEN GROUTED (Circle Appropriate Box) YES [Y] NO [N]

PUMPING TEST HOURS PUMPED (nearest hour) 06

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

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

PUMPING RATE (gal. per min.) 1

Table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Rows include Brown mica, Gray mica, White, Gray mica, White, Gray mica.

NO. OF BAGS 78 NO. OF POUNDS 1332 GALLONS OF WATER 468 DEPTH OF GROUT SEAL (to nearest foot) from 0 to 120

METHOD USED TO MEASURE PUMPING RATE 19 gal

CASING RECORD casing types insert appropriate code below. [ST] STEEL [CO] CONCRETE [PL] PLASTIC [OT] OTHER

WATER LEVEL (distance from land surface) BEFORE PUMPING 16 WHEN PUMPING 115

MAIN CASING TYPE [ST] Nominal diameter top (main) casing (nearest inch) 06 Total depth of main casing (nearest foot) 126

TYPE OF PUMP USED (for test) [A] air [P] piston [T] turbine [C] centrifugal [R] rotary [O] other [J] jet [S] submersible

OTHER CASING (if used) diameter inch depth (feet) from to

PUMP INSTALLED DRILLER INSTALLED PUMP (CIRCLE) (YES or NO) YES [Y] NO [N]

SCREEN RECORD screen type or open hole insert appropriate code below. [ST] STEEL [BR] BRASS [PL] PLASTIC [HO] OPEN HOLE [OT] OTHER

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

NUMBER OF UNSUCCESSFUL WELLS: 0

DEPTH (nearest ft.) HO 126 525

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

WELL HYDROFRACTURED YES [Y] NO [N]

CASING HEIGHT (circle appropriate box and enter casing height) [+ ] above [- ] below

CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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

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.

PUMP HORSE POWER 37 41

DRILLERS LIC. NO. M 5 D 009 DRILLERS SIGNATURE [Signature] LIC. NO. 1 D

PUMP COLUMN LENGTH (nearest ft.) 43 47

SLOT SIZE 1 2 3 DIAMETER OF SCREEN (NEAREST INCH) 56 60

LAND SURFACE 0.2 (nearest foot)

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

LOCATION OF WELL ON LOT SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q

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

TELESCOPE CASING LOG INDICATOR OTHER DATA

FIELD DATA SHEET  
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-3609  
 Location of property (road) PINDELL CHASE DRIVE  
 Subdivision PINDELL CHASE Lot 22 Block \_\_\_\_\_ Plat \_\_\_\_\_ Sec. \_\_\_\_\_  
 Well Driller FOGLES WELL DRILLING Owner TOLL BROTHERS

Depth of well 525'  
 Distance of measuring point (M.P.) above ground 2'  
 Static water level (S.W.L.) below M.P. 16'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 20  
 Total time 15 min. to reach pumping water level 115 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 \$ gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:30	16	3		20
7:45	115	60		1
8:00	115	60		1
8:15	115	60		1
8:30	115	60		1
8:45	115	60		1
9:00	115	60		1
9:15	115	60		1
9:30	115	60		1
9:45	115	60		1
10:00	115	60		1
10:15	115	60		1
10:30	115	60		1
10:45	115	60		1
11:00	115	60		1
11:15	115	60		1
11:30	115	60		1
11:45	115	60		1
12:00	115	60		1
12:15	115	60		1
12:30	115	60		1
12:45	115	60		1
1:00	115	60		1
1:15	115	60		1
HD-224 1:30	115	60		1





B 1 **6268**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

**HO-94-3609**  
fill in this form completely

**W517994** please type

Date Received (APA)

**11-22-02**

OWNER INFORMATION

**Toll Brothers**  
Last Name Owner First Name  
**6830 Creekside Rd**  
Street or RFD  
**Clarksville Md. 21029**  
Town State Zip

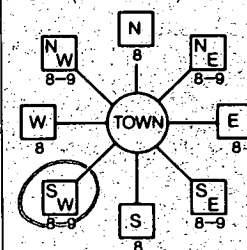
B 3 LOCATION OF WELL

**Howard** COUNTY **PINDELL CHASE**  
**Clarksville Hunt** SUBDIVISION  
SECTION **22** LOT **22**  
**Columbia** NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **0**

DRILLER INFORMATION

**Allen Compton MSD 009**  
Driller's Name License No.  
**Fogles well Drilling**  
Firm Name  
**580 Obrecht Rd**  
Address  
**Allen Compton 11-10-02**  
Signature Date

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



**CHASE DRIVE**  
**Pindell School Rd** NEAR WHAT ROAD  
ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
**450** DISTANCE FROM ROAD FT  
ENTER FT OR MI  
TAX MAP: **41** BLK: **14** PARCEL: **59**

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

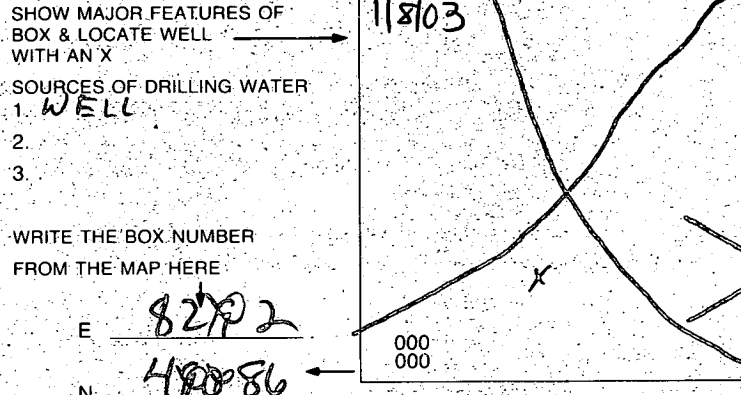
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL  
**HOWARD** COUNTY NAME **514292-W** COUNTY NO.  
STATE SIGNATURE  
DATE ISSUED **12/30/02** **Mark E. Wilkin** **12/13/03**  
CO SIGNATURE EXP DATE  
NORTH GRID **486000** EAST GRID **822000**

APPROXIMATE DEPTH OF WELL **300** FEET  
APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST INCH

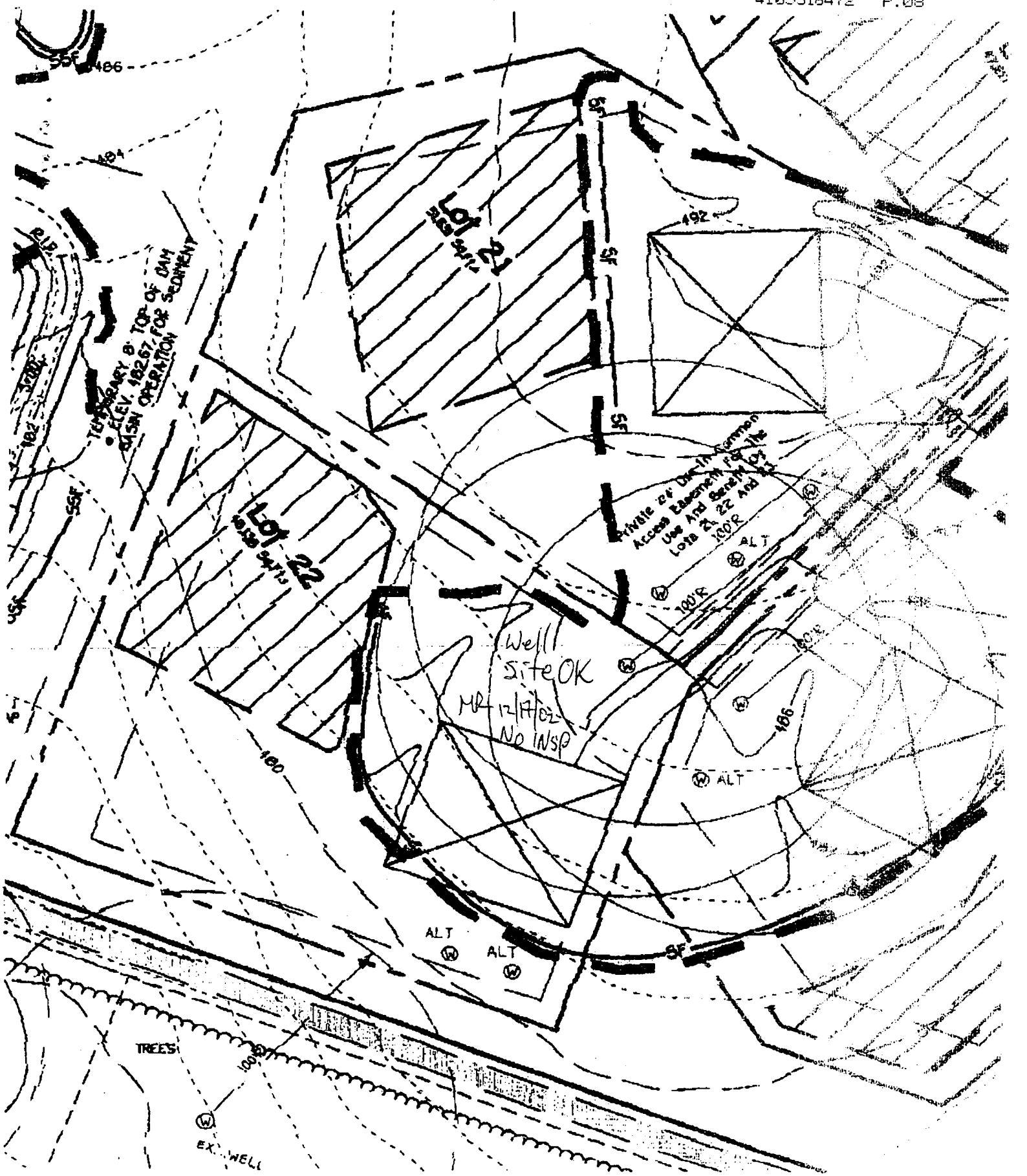
METHOD OF DRILLING (circle one)  
BORED (or Augered) JETTED Jetted & DRIVEN  
**AIR-ROTary** **AIR-PERcussion** **ROTARY** (Hydraulic Rotary)  
**CABLE** **REVERSE-ROTary** **DRIVE-POINT**  
other

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 DEEPEM 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 **G**  
PERMIT No. **HO-94-3609**



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



TEMPORARY B' TOP OF DAM  
 MASH OPERATION FOR SEDIMENT  
 ELEV. 182.67

Well Site OK  
 MR 12/7/02  
 No INSP

Private 20' Ditch Common  
 Access Easement for the  
 Use and Benefit of  
 Lots 21, 22 and 23

TRESSES

EX. WELL

ALT

ALT

100'R

106'

100'R

100'R

100'R

100'R

100'R

100'R

100'R

100'R

50'

104'

192'

118'

118'

118'

118'

118'

118'

118'

118'

118'

# APPLICATION

PERCOLATION TESTING

A 514292-W

P \_\_\_\_\_

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

DISTRICT 5th

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 MAPLE LAWN FARMS, INC. c/o MR. GENE IAGER

ADDRESS 11930 ROUTE 216, FULTON, MD 20759 PHONE (301) 674-6327

AGENT OR PROSPECTIVE BUYER (SAME)

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

PROPERTY LOCATION:

SUBDIVISION IAGER MANOR LOT NO. 26 22

ROAD AND DESCRIPTION SOUTHWEST CORNER OF INTERSECTION OF SIMPSON ROAD  
AT PINDELL SCHOOL ROAD

TAX MAP 41 PARCEL # 59

SIZE OF LOT 1.0 Ac.± CLUSTER 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.

Gene Iager  
(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 #

LOT No.

SOIL PROFILE

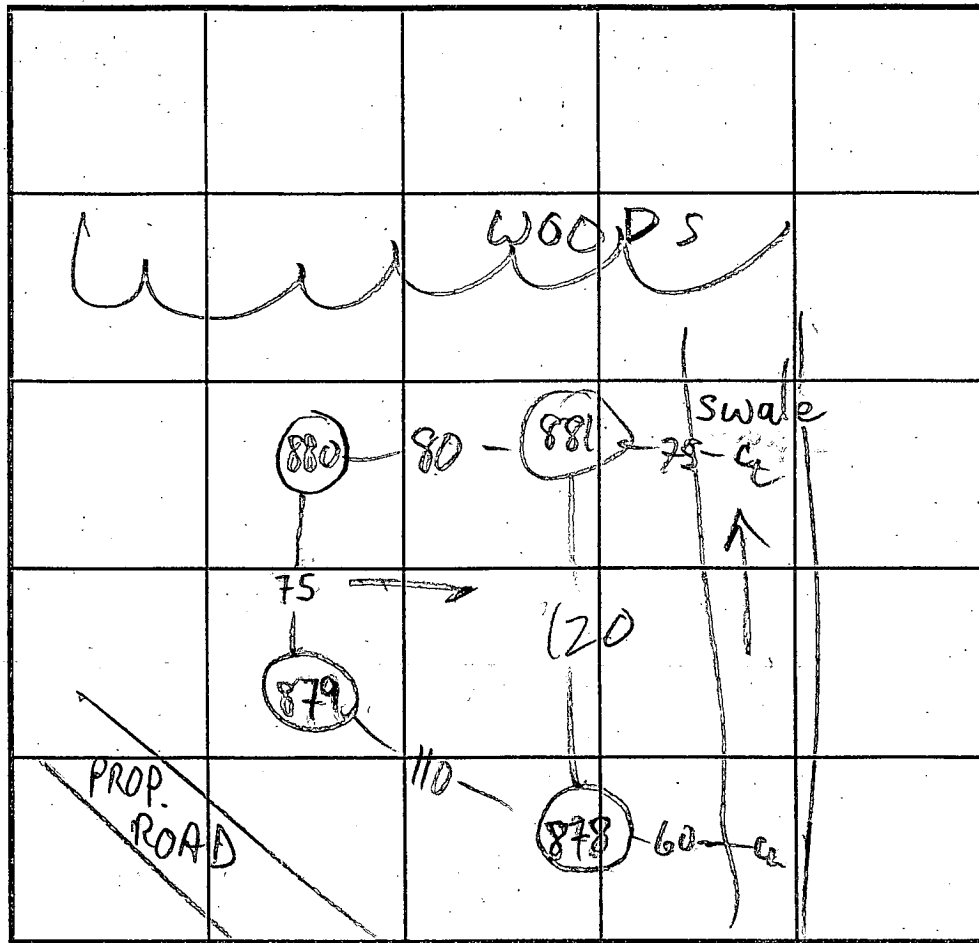
0' 879 878 880

red orge 881  
brn  
sa c/m

5 1/2

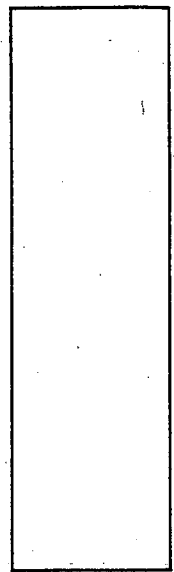
reddish  
brn  
sa mica  
lm  
10-15%  
frags

12 1/2



SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/28/00	878	4'8" 5	11:15 11:20	SLOW 11:27	11:27	11:44	17	
	878	12 1/2	OK see profile					
	879	6'4"	2:45	2:47	2:47	2:49	2	
	879	12 1/2	OK see profile					
	880	6'2"	2:49	2:50	2:50	2:55	5	
	880	13 1/2	OK see profile					
	881	6'10"	2:20	2:22	2:22	2:26	4	
	881	12'10"	OK see profile					

REMARKS HOLES PER PLAN

TYPE OF SOIL

TESTED BY M. R. Pitkin

ALSO PRESENT Fyock crew

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

SOIL PROFILE

0' 921 922

orange brn  
sa cl 1m

6  
tan pink  
brn  
sa mica 1m  
10-15%  
Frag 5

15

909

brn  
cl 1m

6

tan  
pink brn  
sa mica  
1m  
10-15%  
Frag 8

16

981

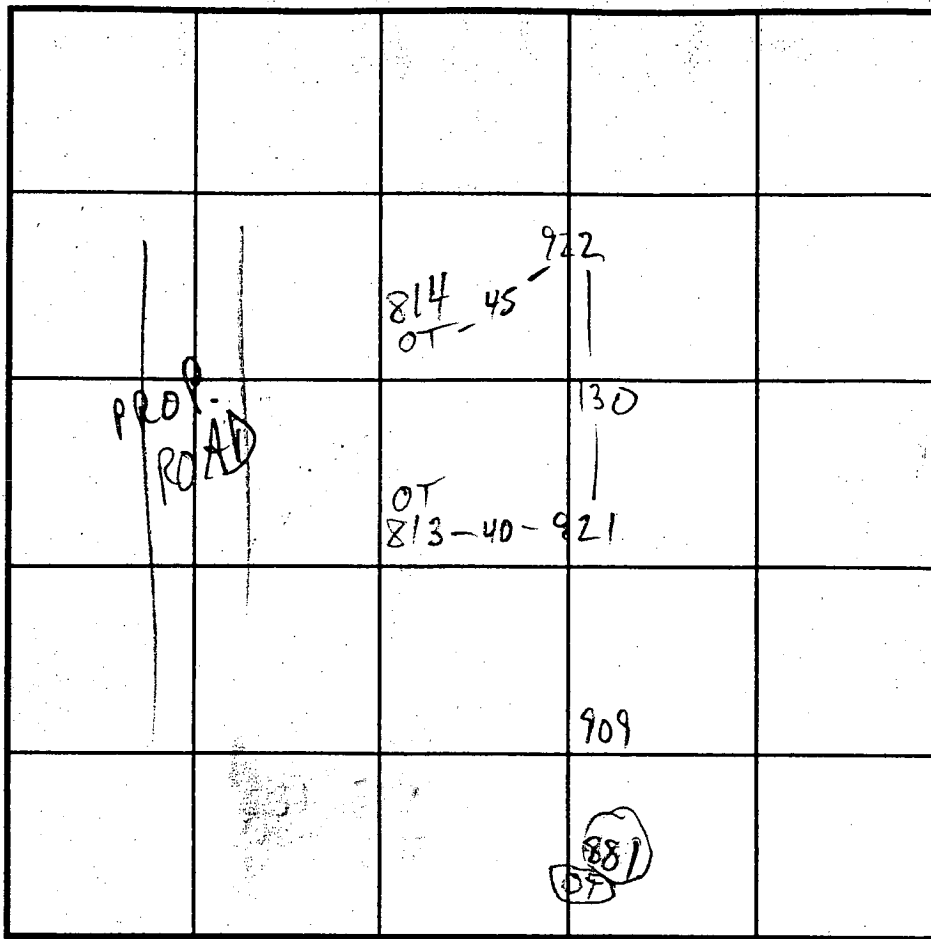
9

DAMP

13

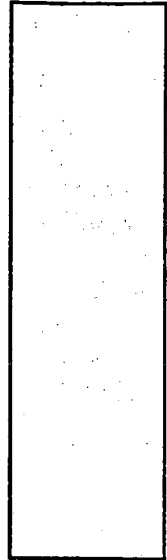
H<sub>2</sub>O

14



SOIL PROFILE

0'



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/23/01	921 S	6 1/2	5:06	5:16	5:16	5:29	13	
	921 V	15						
	922 S	7 1/2	5:09	5:20	5:20	5:40	20	
	922 V	16						
	909 V	16	SAME AS 866A					OK
	881 V	14	FAIL H <sub>2</sub> O @ 9'					F

DUE TO DROUGHT CONDITIONS,  
APPROVABLE HOLES MUST HAVE 8  
FEET FROM OBSERVED  
GROUNDWATER TO BOTTOM OF  
PROPOSED SEPTIC SYSTEM

REMARKS

TYPE OF SOIL

TESTED BY Mark Ritkin

ALSO PRESENT Chuck Crowe

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT./BEDROOM

COUNTY #

LOT No. \_\_\_\_\_

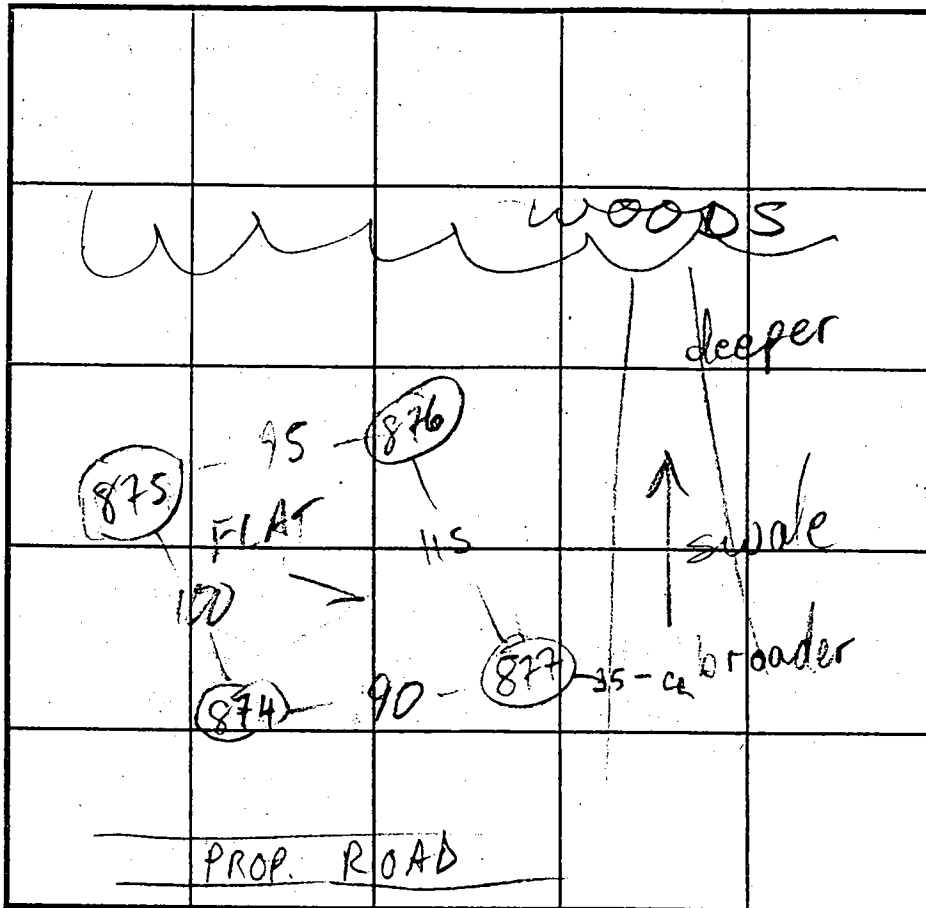
SOIL PROFILE

SOIL PROFILE

0' 877  
 brn orge  
 sac l/m

4' tan red  
 brn yel  
 Sa mica  
 l/m  
 10% frags

12'10"



0'

876 875 874

brn red  
 orge  
 sac l/m

5 1/2' tan brn  
 yel  
 Sa mica  
 l/m  
 10% frags

12'8"  
 -13'2"

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/28/00	877	5'2"	11:08	11:09	11:09	11:11	2	
	877	12'10"	OK see profile					
	876	6'5"	11:49	11:51	11:51	11:56	5	
	876	12'8"	OK see profile					
	875	5'10"	12:02	12:03	12:03	12:05	2	
	875	12'10"	OK see profile					
	874	6'2"	12:07	12:08	12:08	12:10	2	
	874	13'2"	OK see profile					

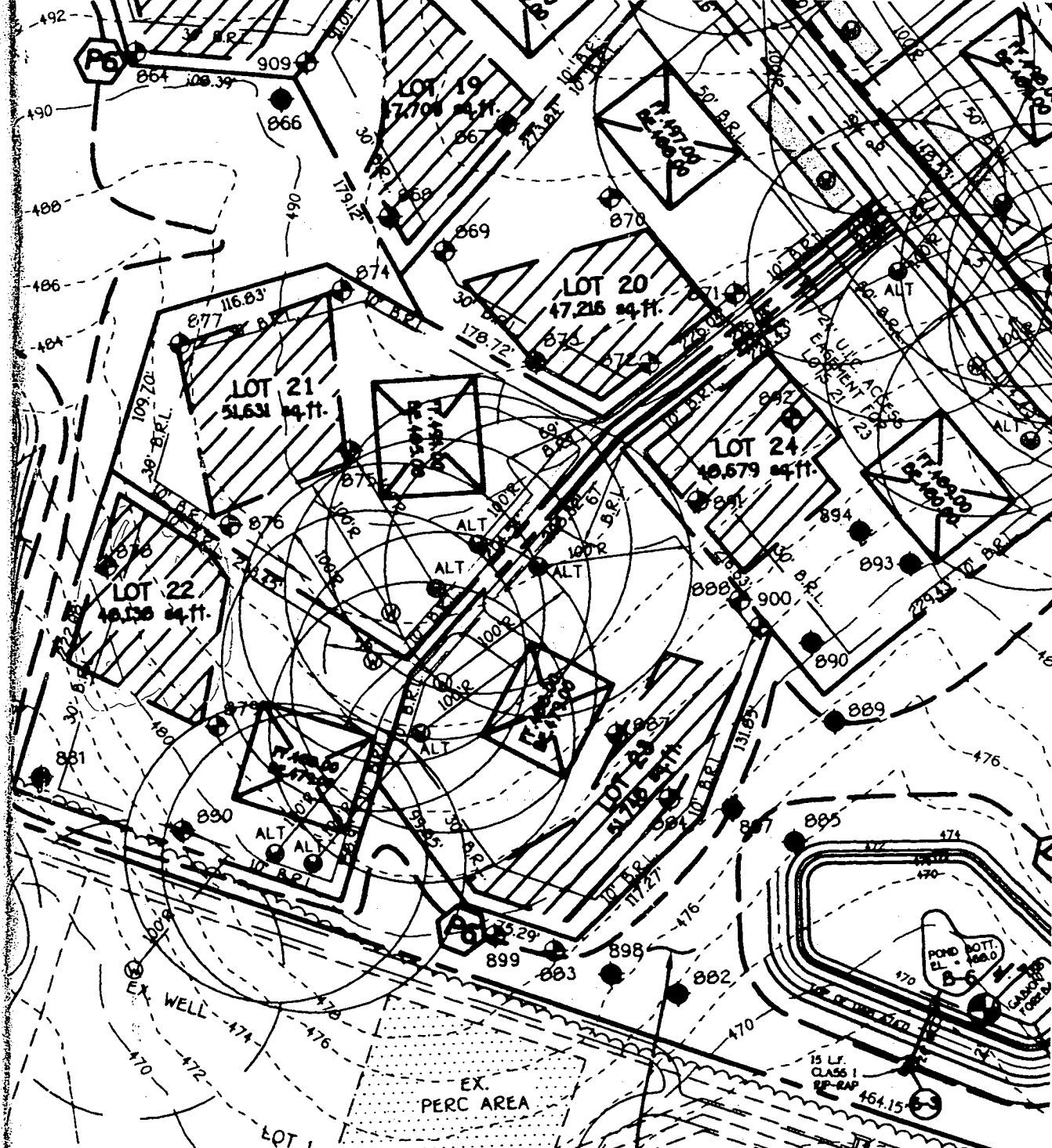
REMARKS TOPO NOT QUITE PER PLAN, HOLES PER PLAN

TYPE OF SOIL \_\_\_\_\_

TESTED BY M. Rifkin ALSO PRESENT Fyock crew

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

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

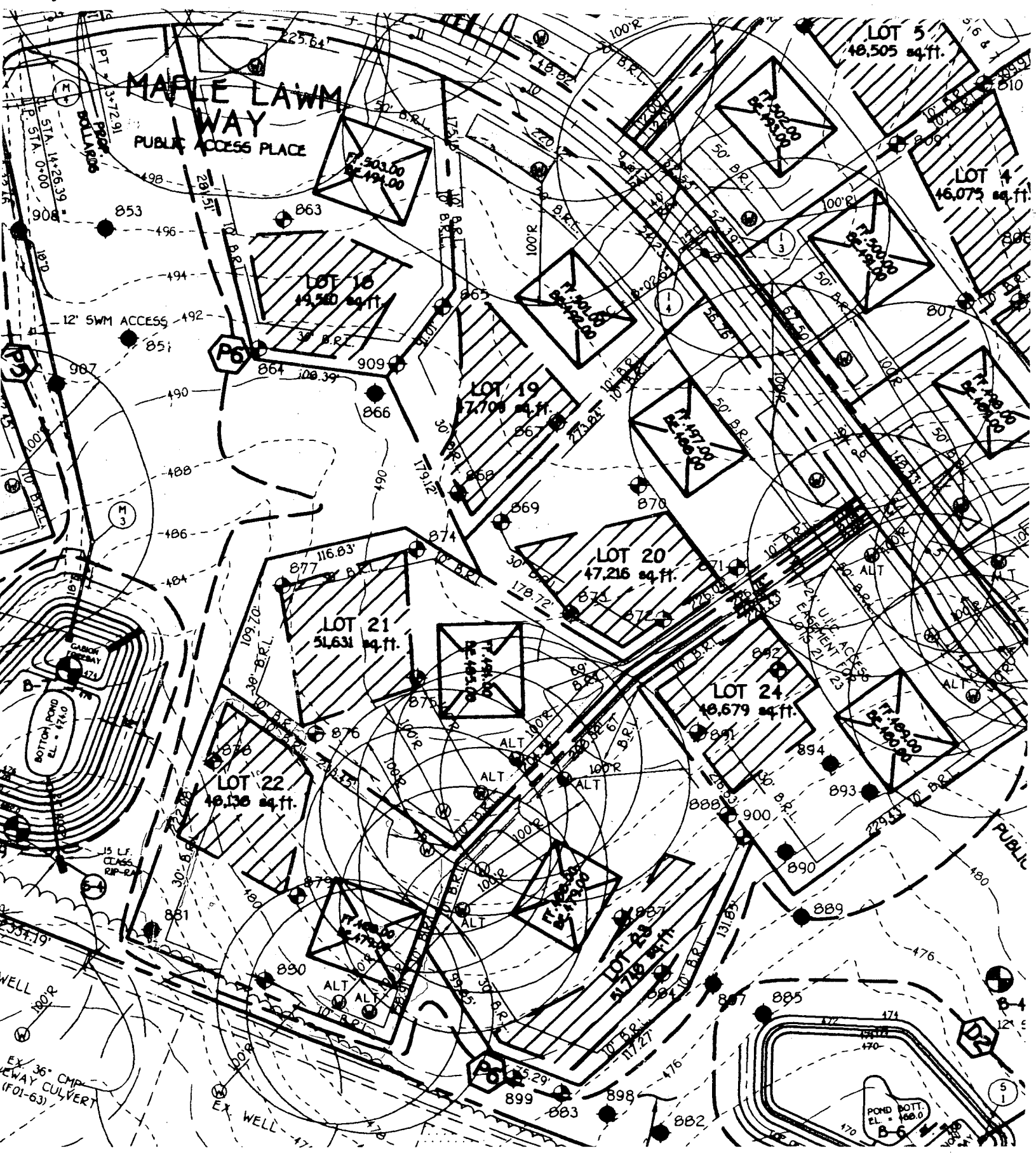


PINDELL CROSSING  
 LOTS 1 - 5  
 (F 01-63)  
 PLAT NO. 15100  
 ZONED RR-DEO

**NON-BUILDABLE  
 PRESERVATION PARCEL 'A'  
 FOR STORMWATER MANAGEMENT**  
 PRIVATELY OWNED AND MAINTAINED  
 EASEMENT HOLDERS TO BE  
 H.O.A. AND HOWARD COUNTY  
 8.16 2014

EX. 24" x 35" CMP  
 DRIVEWAY CULVERT  
 (F01-63)

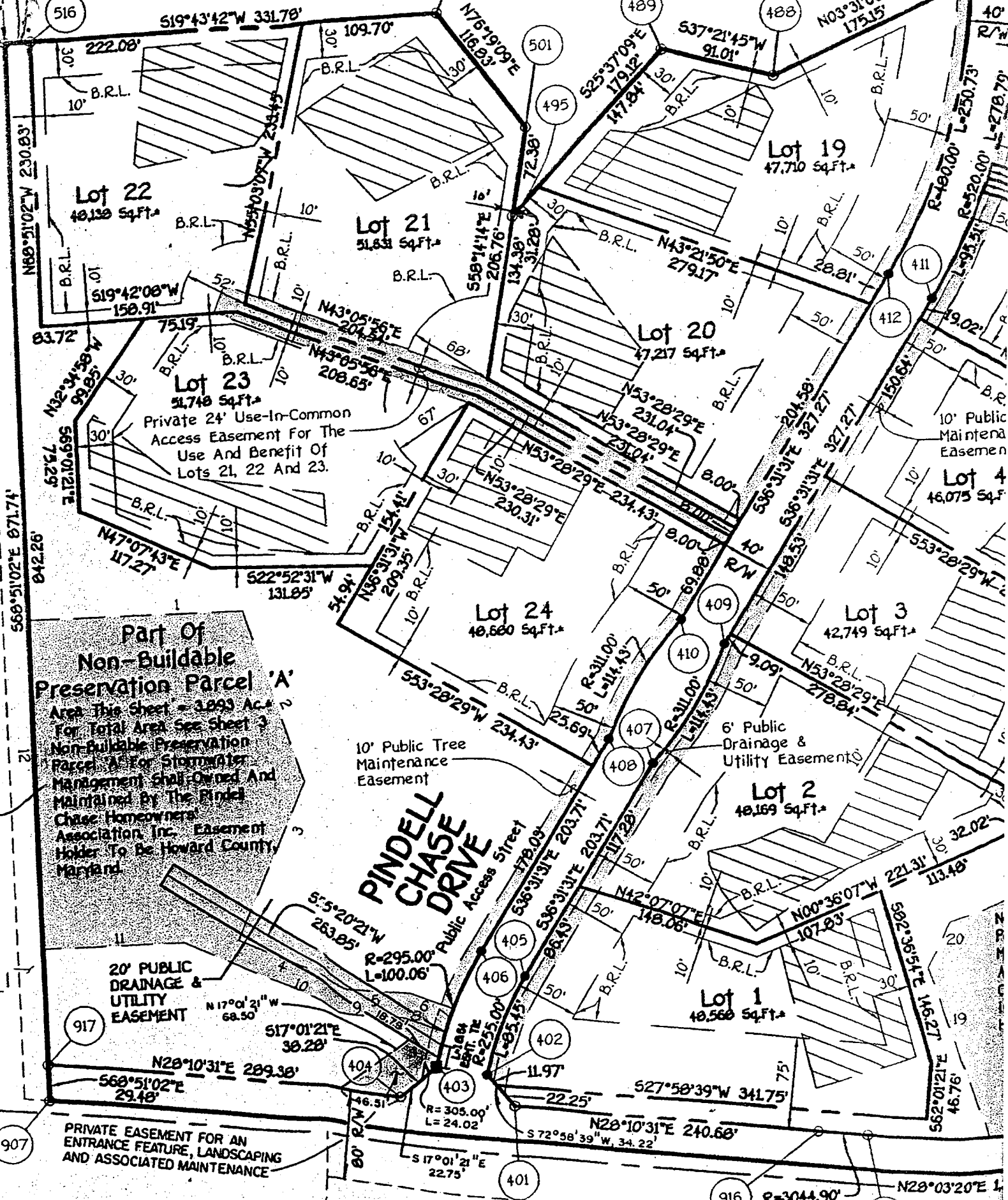
#22973



Signed F-03-028

Match Line Only - Not A Lot Line N13°23'09" 40.59'

N21°08'58"E 20.00' Match Line Only - Not A Lot Line



**Part of Non-Buildable Preservation Parcel 'A'**  
 Area This Sheet = 1.893 Ac ±  
 For Total Area See Sheet 3  
 Non-Buildable Preservation Parcel 'A' For Stormwater Management shall be Owned And Maintained By The Pindel Chase Homeowners Association Inc. Easement Holder To Be Howard County, Maryland

**PINDELL CHASE DRIVE**  
 Public Access Street

20' PUBLIC DRAINAGE & UTILITY EASEMENT

10' Public Tree Maintenance Easement

6' Public Drainage & Utility Easement

PRIVATE EASEMENT FOR AN ENTRANCE FEATURE, LANDSCAPING AND ASSOCIATED MAINTENANCE

10' Public Maintenance Easement

Lot 22  
48,138 Sq.Ft.±

Lot 21  
51,851 Sq.Ft.±

Lot 19  
47,710 Sq.Ft.±

Lot 20  
47,217 Sq.Ft.±

Lot 23  
51,748 Sq.Ft.±

Lot 24  
48,860 Sq.Ft.±

Lot 3  
42,749 Sq.Ft.±

Lot 2  
48,169 Sq.Ft.±

Lot 1  
48,568 Sq.Ft.±

Lot 4  
46,075 Sq.Ft.±

516

500

501

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495

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83.72

84.26

85.72

87.17

88.63

90.08

91.54

93.00

94.46

95.92

97.38

98.84

100.30

101.76

103.22

104.68

106.14

107.60

109.06

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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

August 11, 2004

Toll MD II  
7164 Columbia Gateway Drive, #230  
Columbia, MD 21046

**SENT VIA FACSIMILE 410-531-8472**

RE: Pindell Chase, Lot 22  
11715 Pindell Chase Drive  
Fulton, MD 20759  
BP #: B00144711  
Well Permit # HO-94-3609

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 07/27/2004. Final approval of the well line connection to the dwelling was approved on 07/01/2004.**

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-94-3609. 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 Samples: 07/28/2004 & 08/10/2004  
Date of Well Completion: 07/08/2003

Approving Authority,

Stuart Oster, R. S.  
Well & Septic Program

cc: Building Inspector's Office  
Community Health Services  
File

11715 Pindell Chase dr.  
Fulton Md.

# APPROVED

## WALK-THRU BUILDING PERMIT

BP# B0049940 A# ~~5179~~ 514292-W

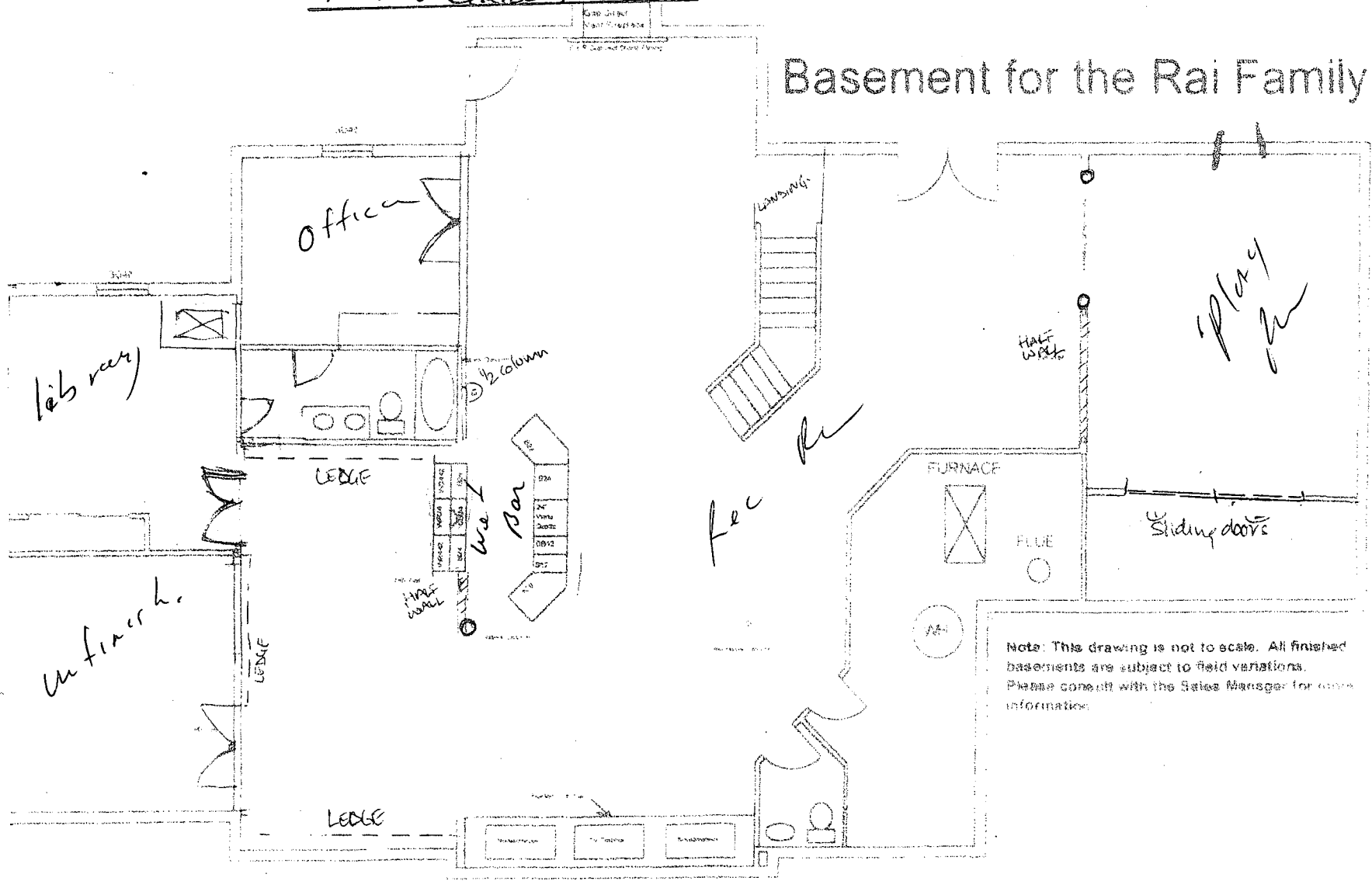
APP. SAN RJB DATE: 8/18/04

DESC. OF WORK: finish basement

-NO NEW WALLS

80'

### Basement for the Rai Family



42'