

LAYOUT 6/17/04 - 2PM INSP 4 _____
INSP 2 6/22/04 ~ 2PM INSP 5 _____
INSP 3 _____ INSP 6 _____

ISSUE DATE: 6/11/2004

APPROVAL DATE: 6/22/04

**PERMIT
INDEXED**

P 520418

A 514292-T

*RPS
437032*

**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 Road, Sykesville PHONE NUMBER: 410-795-5670

SUBDIVISION: Pindell Chase LOT NUMBER: 19

ADDRESS: 11727 Pindell Chase Drive PROPERTY OWNER: Toll MD II

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: 210

LINEAR FEET OF TRENCH REQUIRED: 232 HOUSE SERVED BY PUBLIC WATER

TRENCHES:	Trench to be 3.0 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 6.0 feet below original grade. Effective area begins at 5.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Relocate job straight out of the septic tank into the septic easement northeast corner; run 3 trenches with contour as much as possible; (1) 72' trench and (2) 80' trenches, 3 feet wide, 12 feet center to center.
NOTES:	

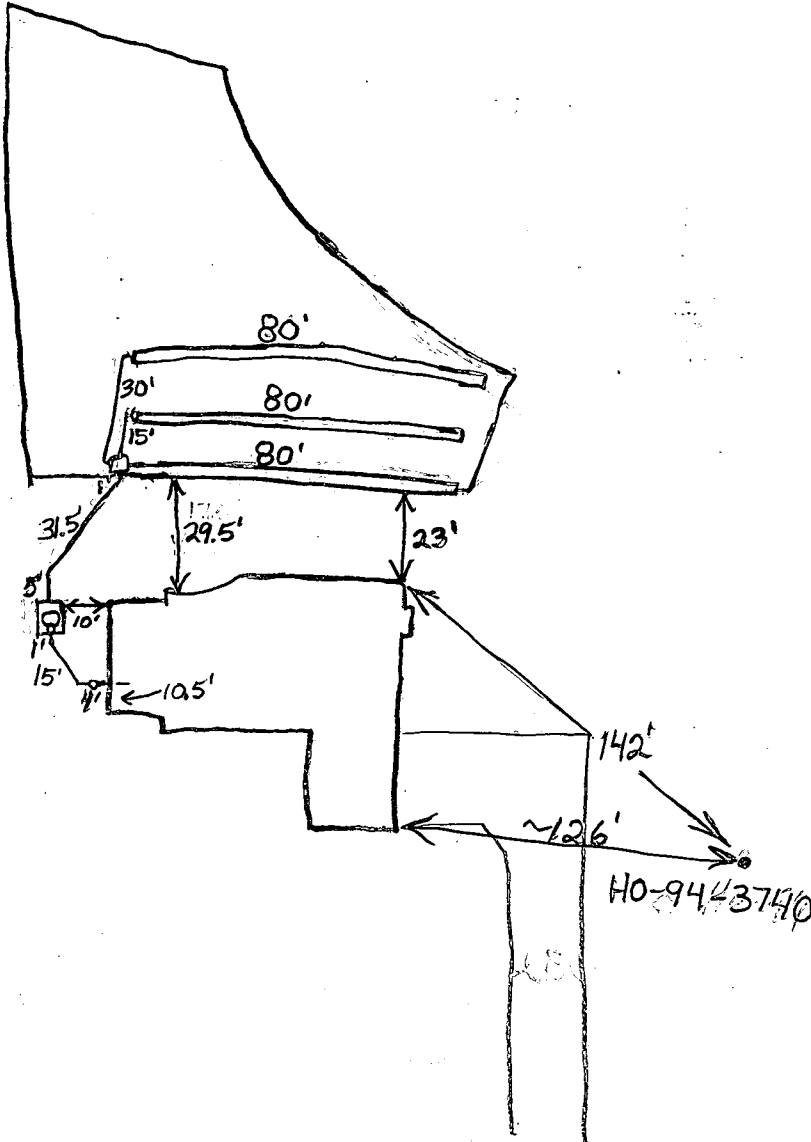
PLANS APPROVED: Frank Alfonso (sn) *KA* DATE: 11/3/03

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
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM
DO NOT LEAVE ANY REQUEST FOR INSPECTION ON VOICEMAIL**

A514292-T

NOT TO SCALE



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	4	6
NUMBER OF TRENCHES		3
TOTAL LENGTH		240
ABSORPTION AREA		720 sq. ft.
DISTRIBUTION BOX LEVEL		Yes
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		No

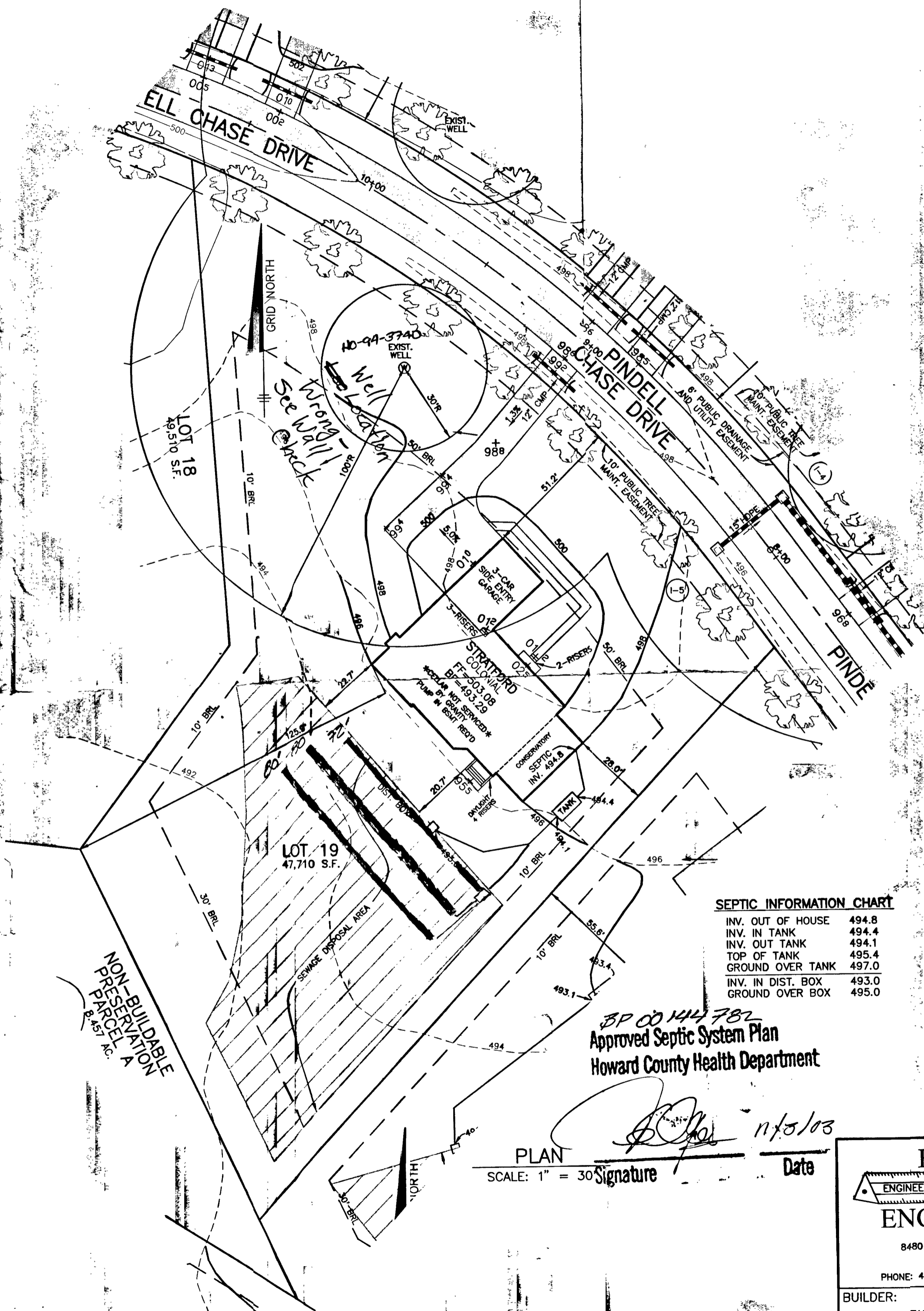
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	<input checked="" type="checkbox"/>
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2.5'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	N/A
CAPACITY	_____ GAL
SEAM LOC	_____
TANK LID DEPTH	_____
BAFFLES	_____
BAFFLE FILTER	_____
MANHOLE LOC	_____
6" PORT LOC	_____
WATERTIGHT TEST	_____

Pindell, Chace Drive ROAD

PRE-CONSTRUCTION 6/17/04 - SRA staked, contours not accurate. Sk to shift trenches to the right to stay out of art. hole sunk

INSTALLATION 6/22/04 System satisfactory. O.K. to cover. BB

FINAL INSPECTOR B. Baker DATE OF APPROVAL 6/22/04

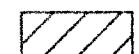


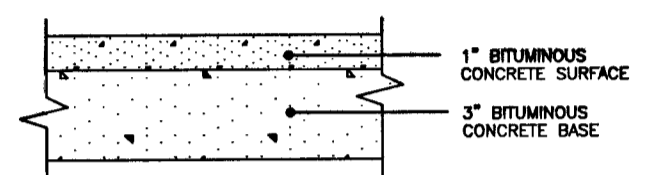
SEPTIC INFORMATION CHART

INV. OUT OF HOUSE	494.8
INV. IN TANK	494.4
INV. OUT TANK	494.1
TOP OF TANK	495.4
GROUND OVER TANK	497.0
INV. IN DIST. BOX	493.0
GROUND OVER BOX	495.0

PLAN
 SCALE: 1" = 30'
 Signature _____ Date 11/5/03


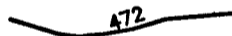

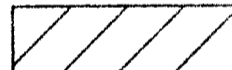


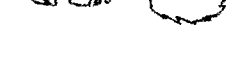
NOTES:

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. COMPUTATIONS FOR THE PROPOSED DRIVEWAY CULVERT WERE APPROVED UNDER F-03-28.
8. THE EXISTING WELL (TAG NO. HO-97-3740) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON 10-14-03 AND IS ACCURATELY SHOWN.



FULL DEPTH BIT. CONC. ALTERNATIVE
P-1 PAVING DETAIL
 NOT TO SCALE

LEGEND

-  470 EXISTING CONTOURS AS SHOWN ON F-98-167
-  472 PROPOSED CONTOURS
-  EXISTING TREELINE
-  SEWAGE DISPOSAL AREA
-  EXIST. WELL
-  FIELD SURVEYED WELL LOCATION
-  STREET TREE INSTALLED UNDER F-03-28

NON-BUILDABLE
 PRESERVATION
 PARCEL A
 8.457 AC.

BENCHMARK ENGINEERING, INC.
 ENGINEERS • LAND SURVEYORS • PLANNERS
 8480 BALTIMORE NATIONAL PIKE • SUITE 418
 ELLICOTT CITY, MARYLAND 21043
 PHONE: 410-465-6105 FAX: 410-465-8644

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

PROJECT: PINDELL CHASE LOT 19	
LOCATION: 11727 PINDELL CHASE DRIVE TAX MAP 41, GRID 7,8,13,14 - PARCEL 59 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND	
TITLE: PLOT PLAN	
HOUSE TYPE: STRATFORD	
DATE: OCTOBER 21, 2003	PROJECT NO. 1638
SCALE: AS SHOWN	DRAWING 1 OF 1

1/1/04
8/31/04

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: 580 ODECHT RD
Sykesville, MD 21154

(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# MSD009

*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: Tall Brothers Telephone #: _____
Subdivision: Pindell Chase Lot #: 19 Well Tag #: HO-94-3740
Site Address: 1727 Pindell Chase Dr

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Goolds</u>	Make: <u>Campbell</u>	Two piece watertight cap: <u>yes</u>
Model #: <u>55B07422</u>	Model #: <u>N/A</u>	Screened, vented well cap: <u>yes</u>
Pump Capacity: <u>5</u> GPM	Depth: <u>36</u> (36" min)	Cap secured to casing: <u>yes</u>
Well Yield: <u>5</u> GPM	NSF approved: <u>yes</u>	Conduit min 18" B.G.: <u>yes</u>
Depth of well encountered at time of pump installation: <u>300</u> (feet)		Conduit secured to well cap: <u>yes</u>

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

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>1" Black Plastic</u>	PVC sleeved to undisturbed soil at wall penetration: <u>yes</u>
PSI: <u>160</u> (160 psi min)	Approximate length of sleeve: <u>5</u>
Depth of supply line: <u>42</u> (36" min)	Sleeve caulked and sealed properly: <u>yes</u>

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.

Allen Compton 8-17-04
Signature of company representative responsible for installation date

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

Date Insp. Requested: 7/1/04 Date Insp. Approved: BBB
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

C13949

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)

FILL IN THIS FORM COMPLETELY PLEASE TYPE

COUNTY NUMBER A514292-T

ST/CO USE ONLY DATE RECEIVED 10/27/03

DATE WELL COMPLETED 10/13/03

Depth of Well 300 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-94-3740

OWNER TOLL BROTHERS STREET OR RFD PINDELL CHASE DRIVE TOWN COLUMBIA SUBDIVISION PINDELL CHASE DRIVE SECTION LOT 19

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

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL (CM), CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 18, NO. OF POUNDS 1692, GALLONS OF WATER 108, DEPTH OF GROUT SEAL 52 ft.

CASING RECORD: casing types insert appropriate code below (ST), MAIN CASING TYPE (ST), Nominal diameter top (main) casing 06, Total depth of main casing 69.

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

SCREEN RECORD: screen type or open hole (HO), insert appropriate code below (HO), HO OPEN HOLE.

NUMBER OF UNSUCCESSFUL WELLS: 1, WELL HYDROFRACTURED (Y), (N)

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.

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. MS0009, DRILLERS SIGNATURE, LIC. NO. D

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

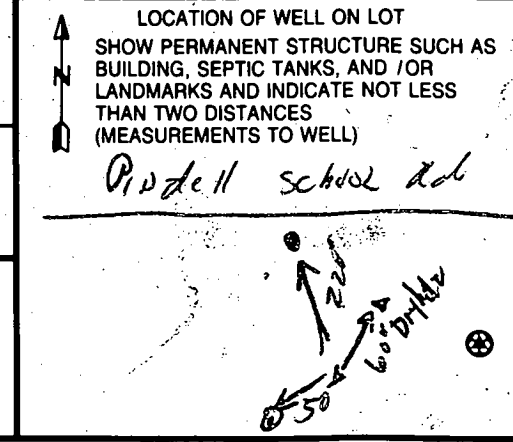
DEPTH (nearest ft.) table with columns: FEET (1-60), DEPTH (69, 300)

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL - INSERT F IN BOX 68, MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)

TELESCOPE CASING, LOG INDICATOR, OTHER DATA

PUMPING TEST: HOURS PUMPED (nearest hour) 3, PUMPING RATE (gal. per min.) 5, METHOD USED TO MEASURE PUMPING RATE 1 gal, WATER LEVEL (distance from land surface) BEFORE PUMPING 18 ft, WHEN PUMPING 72 ft, TYPE OF PUMP USED (for test) S submersible.

PUMP INSTALLED: DRILLER INSTALLED PUMP (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, (-) below, LAND SURFACE 02 (nearest foot).



11/3/03 [Signature]

B 1 **6051** SEQUENCE NO. (MDE USE ONLY)

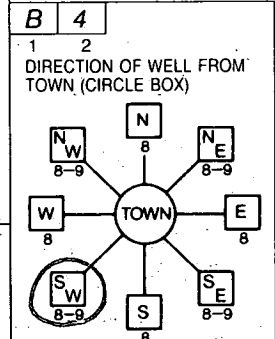
STATE OF MARYLAND APPLICATION FOR PERMIT TO DRILL WELL 519000 please type

STATE PERMIT NUMBER **HO-94-3740** fill in this form completely

Date Received (APA) **06/06/03** OWNER INFORMATION **Toll Brothers** 15 Last Name Owner First Name 34 **6830 Creekside RD** 36 Street or RFD 55 **Clarksville, Md. 21029** 57 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL **Howard** 8 COUNTY 21 **Pindell Chase** 23 SUBDIVISION 42 SECTION **19** LOT 44 46 48 50 **Columbia** 52 NEAREST TOWN: 71 MILES FROM TOWN (enter 0 if in town) **5** M I 73 76 77 78

DRILLER INFORMATION **Allen Compton M S D 009** 76 Driller's Name License No. 81 **Fogle Well Drilling** Firm Name **580 Obrecht RD** Address **Allen Compton 6-3-03** Signature Date



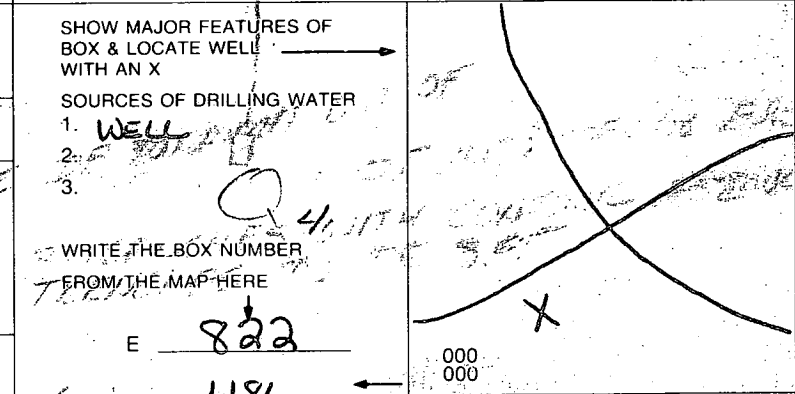
B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) **Pindell Chase DR.** 11 NEAR WHAT ROAD 30 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) **50** 34 DISTANCE FROM ROAD ENTER FT OR MI 38 39 TAX MAP: **41** BLK: **14** PARCEL **59**

B 2 WELL INFORMATION APPROX. PUMPING RATE **5** 8 (GAL. PER MIN.) 12 AVERAGE DAILY QUANTITY NEEDED **500** 14 (GAL. PER DAY) 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL **HOWARD** COUNTY NAME **A514292-T** COUNTY NO. STATE SIGNATURE **Mark E. R. King** INSERT S DATE ISSUED **07/03/03** EXP. DATE **7/03/04** NORTH GRID **486 000** EAST GRID **822 000**

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

APPROXIMATE DEPTH OF WELL **300** 24 FEET 28 APPROXIMATE DIAMETER OF WELL **6** NEAREST INCH

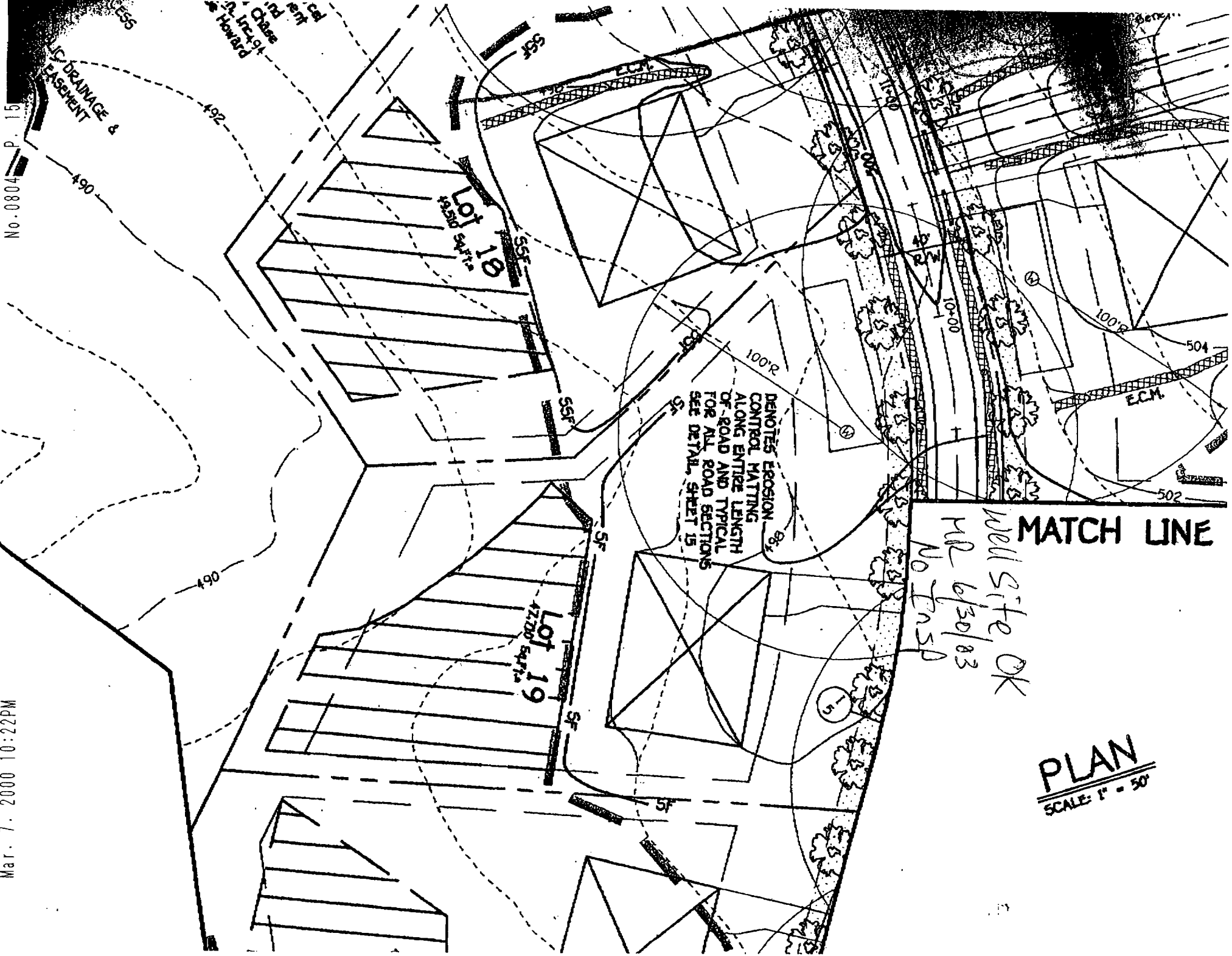


METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary Drive-POINT other

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 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 **HO-94-3740** PERMIT No. **HO-94-3740** 70 71 72 73 74 75 76 77 78 79

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



DENOTES EROSION
 CONTROL MATTING
 ALONG ENTIRE LENGTH
 OF ROAD AND TYPICAL
 FOR ALL ROAD SECTIONS
 SEE DETAIL, SHEET 15

Well Site OK
 MR 6/30/03
 NO FNSD

MATCH LINE

PLAN
 SCALE: 1" = 50'

C-555
 U.C. DRAINAGE &
 EASEMENT
 490
 492
 Cal
 ent
 1st
 Chubb
 2nd
 Inright
 & Howard

11+00
 10+00
 100'R
 504
 E.C.M.
 502

APPLICATION

PERCOLATION TESTING

A 514292-T

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 11920 ROUTE 216, FULTON, MD 20759 PHONE (301) 674-6327

AGENT OR PROSPECTIVE BUYER (SAME)

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION IAGER MANOR LOT NO. 44306 23/19

ROAD AND DESCRIPTION SOUTHWEST CORNER OF INTERSECTION OF SIMPSON ROAD

AT PINDELL SCHOOL ROAD

TAX MAP 41 PARCEL # 59

SIZE OF LOT 1.0 Acre 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' 867 868

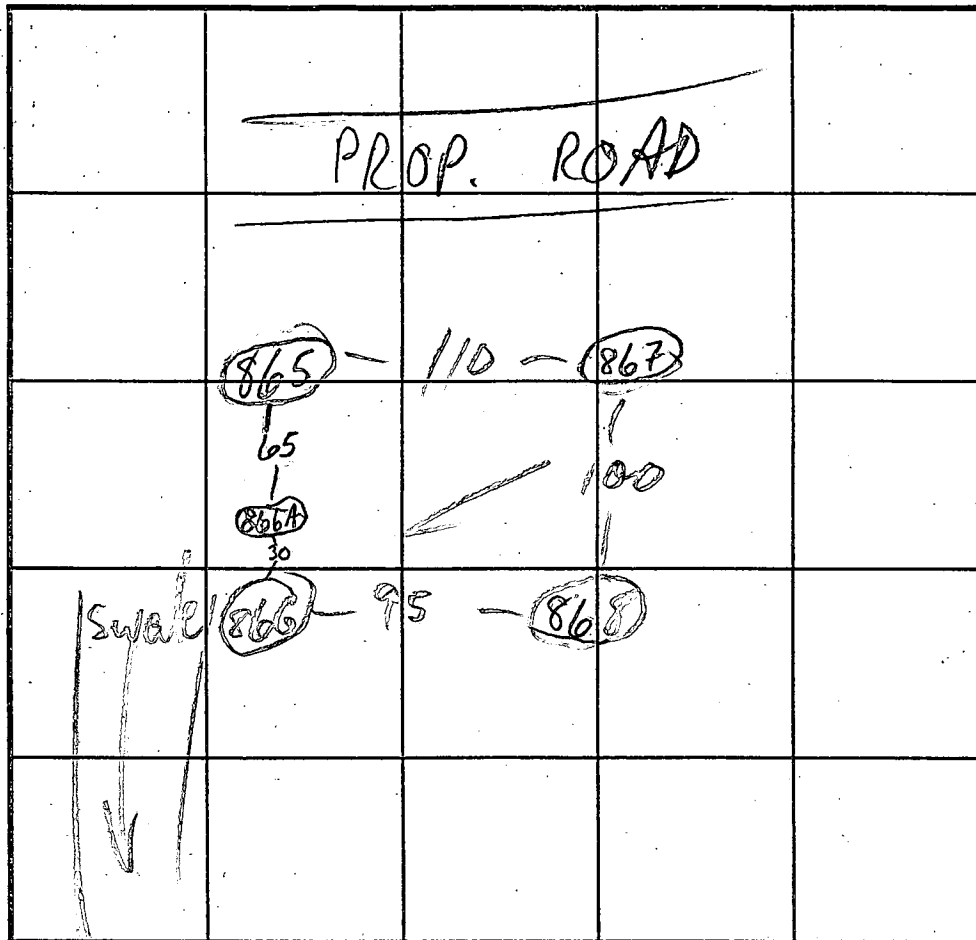
brn
orge
sac l m

865

5 magenta
tan brn
yel
sa mica
loam

10% frags

12'



SOIL PROFILE

0' 866A

brn
cl m

4 1/2'

orge tan
sac l m

6 1/2'

orge tan
si l m

866

dk
brn
cl m

7

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	868 S	6'5"	12:27	12:32	12:32	12:53	21	
	868 V	13'4"	OK see profile					
	867 S	5'10"	12:16	12:17	12:17	12:19	2	
	867 V	12'6"	OK see profile					
	865 S	6'2"	10:45	10:49	10:49	10:56	7	
	865 V	12'10"	OK see profile					
	866 V	7	CLAY - FAIL					
12/29/00	866A S	7'4"	2:59	3:06	3:06	3:20	14	
	866 V		HOLD FOR ADD'L EXCAVATION SEE #909					

REMARKS SIG. ADJUSTMENT REQ'D; HOLES PER PLAN EXCEPT 866A

TYPE OF SOIL

TESTED BY M. Ripkin

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
silt cl m

6
tan pink
brn
silt mica l m
10-15%
Frag 5

15
909

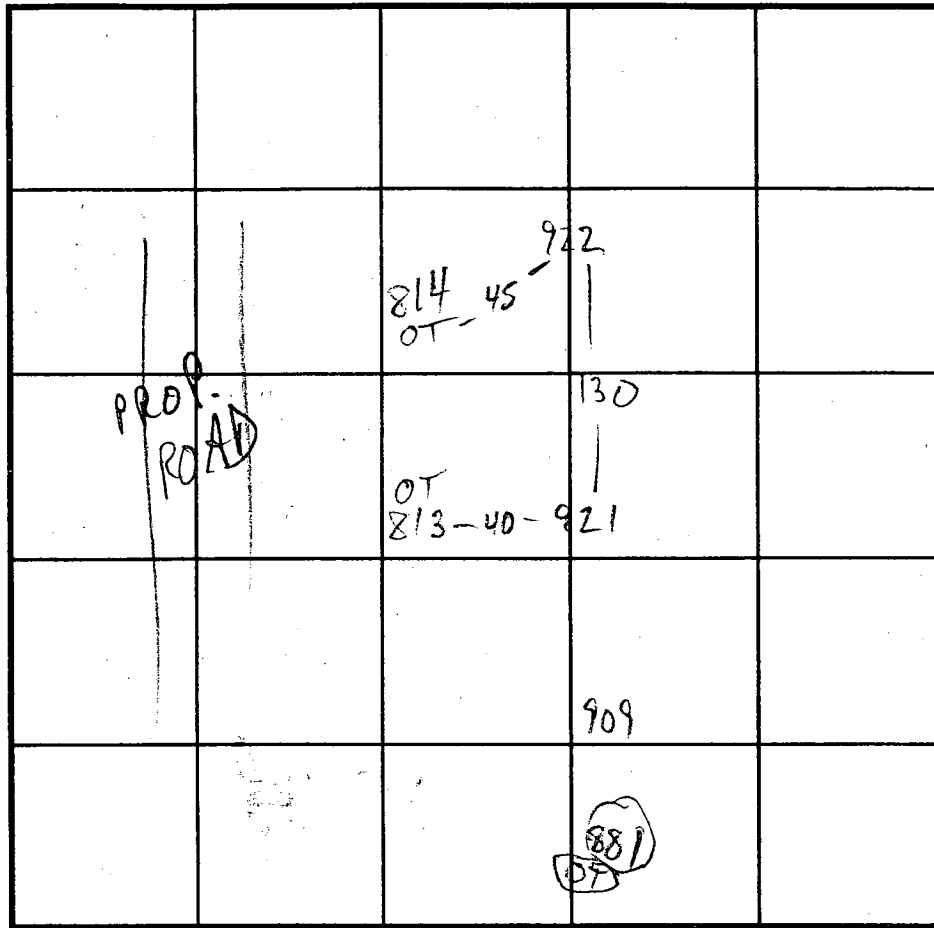
brn
cl m

6
tan
pink brn
silt mica
l m
10-15%
Frag 8

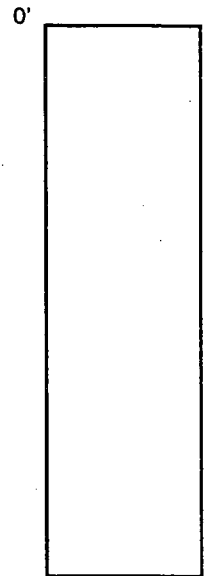
16
981

9
DAMP

13
14
H₂O



SOIL PROFILE



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 ₂ O @ 9'					F

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

REMARKS

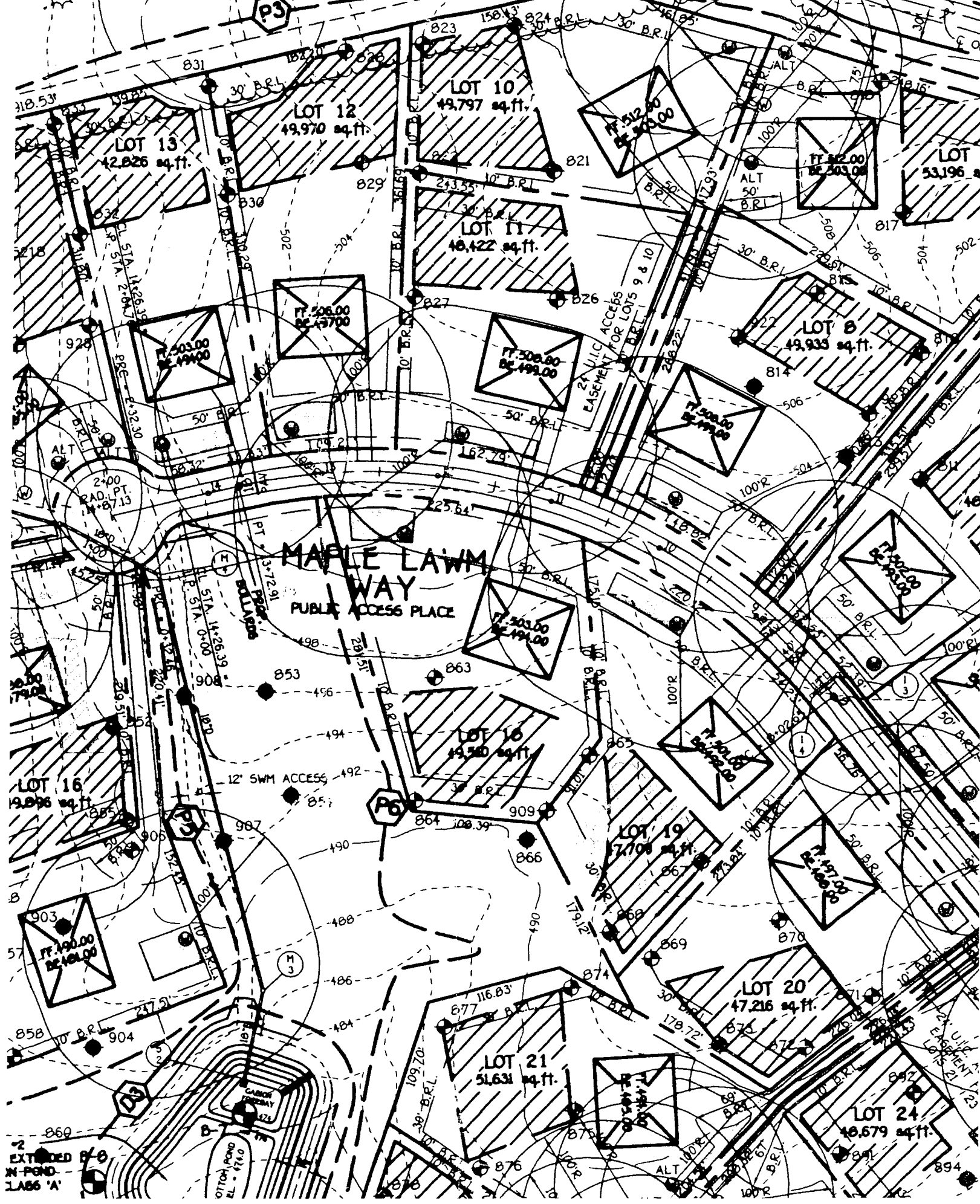
TYPE OF SOIL

TESTED BY Mark Ritkin ALSO PRESENT Chuck Crow

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH _____

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

512069
RR-DEC
FLOWERS
WELLS
P.L.A.
2/10/02



MAPLE LAWN
WAY
PUBLIC ACCESS PLACE

2
EXTENDED
POND
LABS 'A'

GARAGE FOREBAY
OTTON POND
E.L. = 71.0

24' U/LIC
EASEMENT FOR LOTS 9 & 10

LOT 16
49,896 sq. ft.

LOT 16
49,580 sq. ft.

LOT 21
51,631 sq. ft.

LOT 20
47,216 sq. ft.

LOT 24
48,579 sq. ft.

LOT 10
49,797 sq. ft.

LOT 12
49,970 sq. ft.

LOT 13
42,826 sq. ft.

LOT 11
48,422 sq. ft.

LOT 8
49,935 sq. ft.

LOT
53,196 sq. ft.

LOT 19
47,704 sq. ft.

LOT 16
49,896 sq. ft.

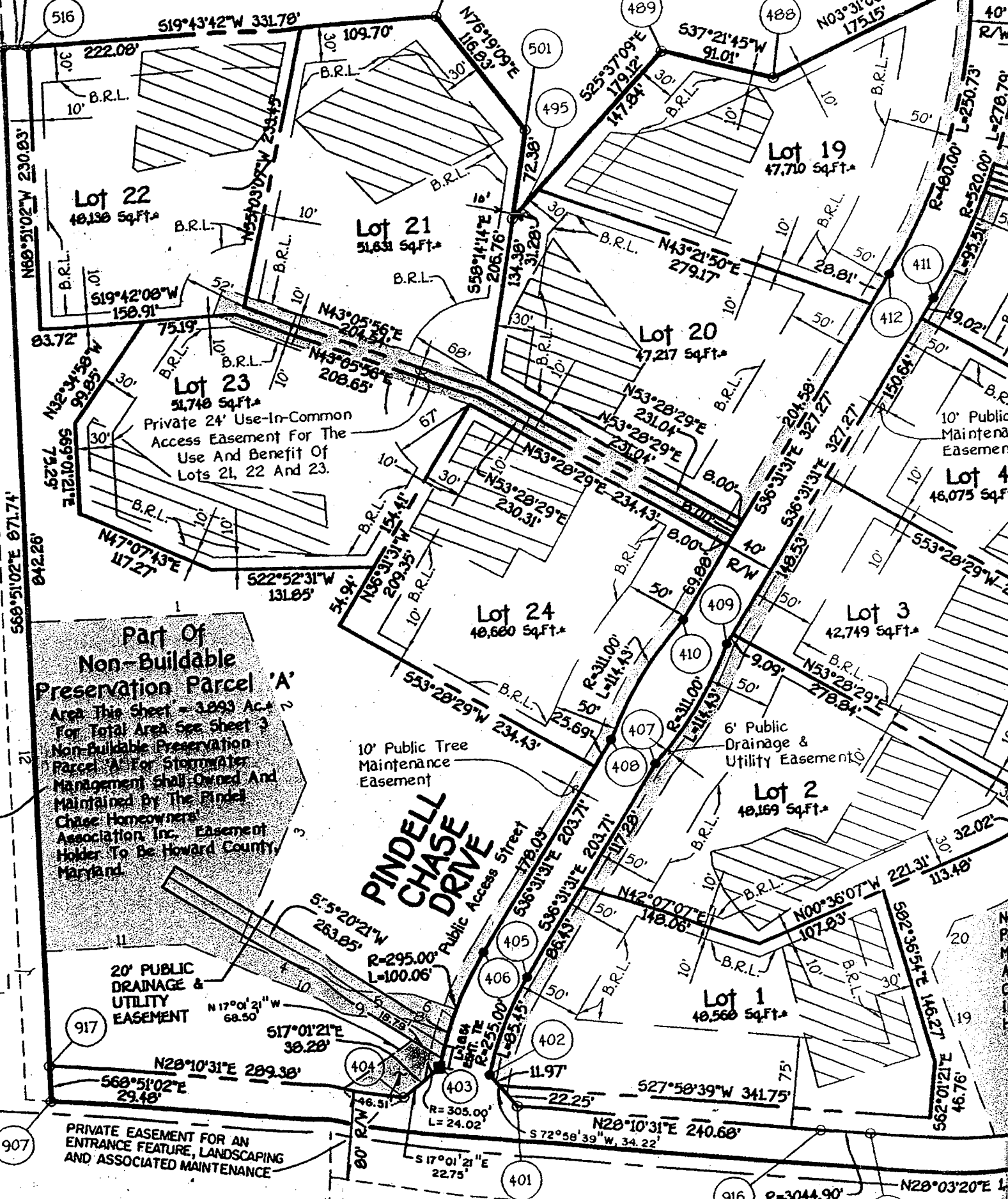
LOT 16
49,896 sq. ft.

LOT 16
49,896 sq. ft.

11727 PINDELL CHASE DE Signed F-03-028

Match Line Only - Not A Lot Line

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



Part of Non-Buildable Preservation Parcel 'A'
 Area This sheet = 3,093 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

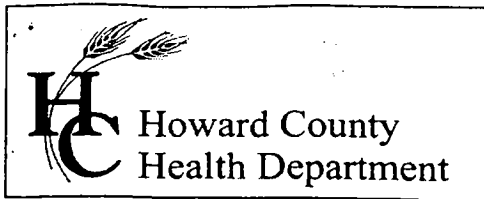
6' Public Drainage & Utility Easement

PRIVATE EASEMENT FOR AN ENTRANCE FEATURE, LANDSCAPING AND ASSOCIATED MAINTENANCE

10' Public Maintenance Easement

10' Public Tree Maintenance Easement

Private 24' Use-In-Common Access Easement For The Use And Benefit Of Lots 21, 22 And 23.



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

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

August 31, 2004

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

SENT VIA FACSIMILE 410-531-8472

RE: Pindell Chase, Lot 19
11727 Pindell Chase Drive
Fulton, MD 20759
BP #: B00144782
Well Permit # HO-94-3740

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 06/22/2004. 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-94-3740. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigations 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: 08/19/2004 & 08/25/2004
Date of Well Completion: 10/13/2003

Approving Authority,


Stuart Oster, R. S.

Well & Septic Program

cc: Building Inspector's Office
Community Health Services
File