

LAYOUT \_\_\_\_\_ INSP 4 4/27/04 - AM  
 INSP 2 4/23/04 INSP 5 \_\_\_\_\_  
 INSP 3 4/26/04 AM INSP 6 \_\_\_\_\_

ISSUE DATE: 2/27/2004  
 APPROVAL DATE: 7/9/04

**PERMIT**

TAX ID # 05-436869

P 520073  
 A 514292-P

RPS#  
 436869

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

**INDEXED**

Fogles Septic Clean, Inc IS PERMITTED TO INSTALL  ALTER

ADDRESS: 580 Obrecht Rd, Sykesville PHONE NUMBER: 410-795-5670  
 SUBDIVISION: Pindell Chase LOT NUMBER: 15  
 ADDRESS: 11759 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:	Install the distribution box at the highest useable portion of the sewage disposal area.
NOTES:	Install 3-77' long trenches with 9' edge to edge trench separation.

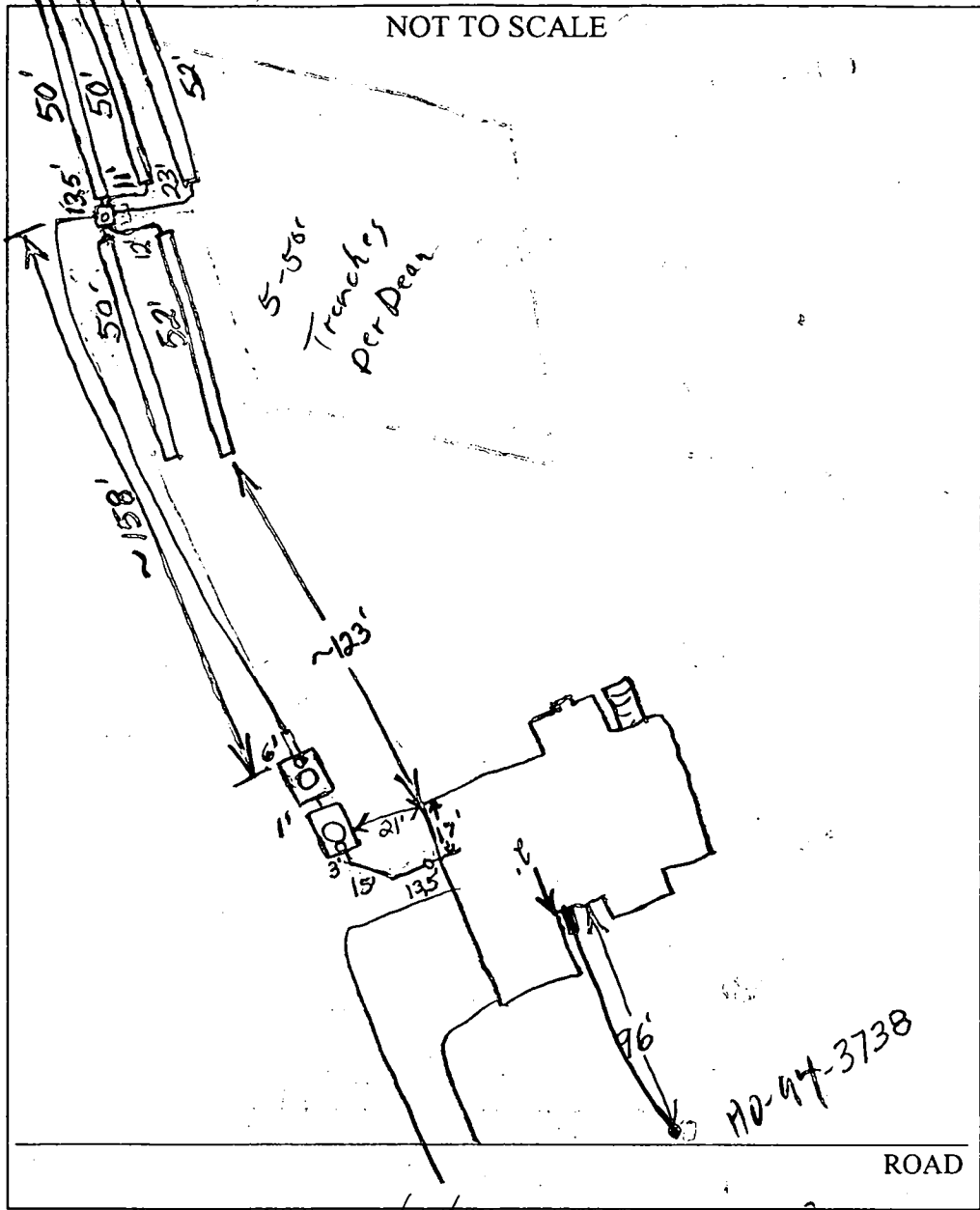
PLANS APPROVED: John A. Boris **(KN)** DATE: 11/10/03

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  
 5-12-04-1300148095- EG POOL

AS14292-P



TRENCH/DRAINFIELD DATA		
WIDTH	INLET	BOTTOM
3	4	6
NUMBER OF TRENCHES		5
TOTAL LENGTH		240
ABSORPTION AREA		720 $\phi$
DISTRIBUTION BOX LEVEL		<input checked="" type="checkbox"/>
DISTRIBUTION BOX BAFFLE		Yes
DISTRIBUTION BOX PORT		Yes

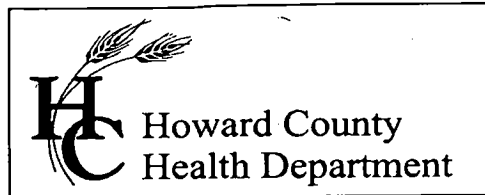
SEPTIC TANK DATA	
SEPTIC TANK 1 LEVEL	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	2'
BAFFLES	Yes
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Front
WATERTIGHT TEST	No
SEPTIC TANK 2 LEVEL	
CAPACITY	1250 GAL
SEAM LOC	Top
TANK LID DEPTH	25'
BAFFLES	No
BAFFLE FILTER	No
MANHOLE LOC	Middle
6" PORT LOC	Rear
WATERTIGHT TEST	No

PRE-CONSTRUCTION 4/8/04 - SRA staked, contours accurate. Install (S) 50' trenches w/ D.B. in middle to best utilize area (SO)

INSTALLATION 4/23/04 Tanks set. (BB) 4/24/04 Tanks set. Pump line started. (BB) 4/26/04 Trenches done. Pump line not connected to distribution box. One line from dist. box to trench not connected properly. Need pump and alarm test. (BB) 4/27/04 OK to cover all work. Pump & Alarm tests needed (SO) 7/9/04 Alarm and pump are working. (BB)

BUILDING PERMIT SIGNED AND RETURNED

FINAL INSPECTOR B. Baker DATE OF APPROVAL 7/9/04



3525 H Ellicott Mills Drive, Ellicott City, MD 21043  
(410) 313-2640 Fax (410) 313-2648  
TDD (410) 313-2323 Toll Free 1-866-313-6300  
website: www.hchealth.org

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

July 12, 2004

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

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

RE: Pindell Chase, Lot # 15  
11759 Pindell Chase Drive  
Fulton, MD 20759  
BP # B00144710  
Well Permit # HO-94-3738

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 7/9/2004. Final approval of the well line connection to the dwelling was approved on 5/28/2004.**

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-94-3738. Although the submitted sample results are in compliance with COMAR standards, the Health Department does not guarantee water supplies. Based upon satisfactory investigation and evaluation, the Howard County Health Department, as authorized by the Maryland Department of the Environment accepts this well system as required by COMAR 26.04.04.

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

Date of Water Sample: 7/06/2004 & 7/09/2004  
Date of Well Completion: 9/03/2003

Respectfully,

Stuart F. Oster, R. S.  
Well and Septic Program

SFO/sjn

cc: Building Inspector's Office  
Community Services Program  
File

PRIVATE 24' USE-IN-COMMON  
ACCESS EASEMENT FOR THE  
USE AND BENEFIT OF  
LOTS 15 AND 16

PUBLIC 20' DRAINAGE AND  
UTILITY EASEMENT

L=21.17'  
R=50.00'

N79°26'29"E 186.80'  
N80°08'51"E 121.14'

WELL  
HD-94-3738

10' PUBLIC TREE  
MAINT. EASEMENT

PINDELL CHASE DRIVE  
(50' R/W)

GRID NORTH

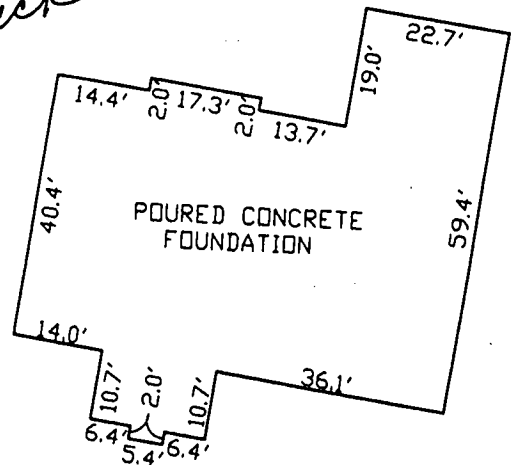
LOT 16

SEE DETAIL

LOT 15

2/27/04  
Wall Check OK  
(KN)

LOT 17



FOUNDATION DETAIL

SCALE: 1" = 30'

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 02/12/04 ; 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.16074

TOP OF FOUNDATION WALL ELEVATION = 481.0'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

DAVID M. HARRIS  
REGISTERED PROFESSIONAL LAND SURVEYOR  
MD REG. No. 10978  
FOR BENCHMARK ENGINEERING, INC.  
MD REG. No. 351  
RECORD PLAT No. 16074  
FEMA FIRM No. 240044 0038 B  
ZONE: C  
DATED: 12/04/86

BENCHMARK

ENGINEERS & LAND SURVEYORS & PLANNERS

ENGINEERING, INC.

8400 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-685-8103 & fax: 410-685-8844  
email: Benchmark@coils.com



WALL CHECK  
PINDELL CHASE  
LOTS 1 THRU 24  
LOT No. 15

11759 PINDELL CHASE DRIVE

5TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND  
SCALE: 1" = 60' DATE: 02/12/04

**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: 380 Obrecht Rd  
Sylasville, 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 # 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: Will Brothers Telephone #: \_\_\_\_\_  
Subdivision: Rodell Chase Lot #: 15 Well Tag #: HO 94-3738  
Site Address: 11759 Rodell Chase DR

<b>Submersible Pump Data</b>	<b>Pitless Adapter</b>	<b>Well Cap and Electric Conduit</b>
Make: <u>Cowids</u>	Make: <u>Cambell</u>	Two piece watertight cap: <u>YES</u>
Model #: <u>7307422</u>	Model #: <u>N/A</u>	Screened, vented well cap: <u>YES</u>
Pump Capacity: <u>7</u> GPM	Depth: <u>36</u> (36" min)	Cap secured to casing: <u>YES</u>
Well Yield: <u>4</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

<b>Piping to house</b>	<b>House Connection</b>
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.

Signature of company representative responsible for installation: Allen Compton date: 6-23-04

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

Date Insp. Requested: \_\_\_\_\_ Date Insp. Approved: 6/28/04 EO  
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





B 1. **6049**

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND  
APPLICATION FOR PERMIT TO DRILL WELL

STATE PERMIT NUMBER

**HO-94-3738**

519000 please type

fill in this form completely

Date Received (APA)  
**06/06/03**

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

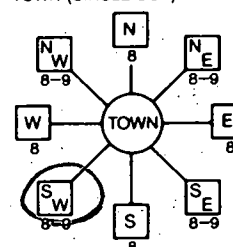
**Howard**  
COUNTY  
**Pindell**  
SUBDIVISION  
SECTION **15**  
LOT  
**Columbia**  
NEAREST TOWN  
MILES FROM TOWN (enter 0 if in town) **5** M I

DRILLER INFORMATION

**Allen Compton M S D 009**  
Driller's Name License No.  
**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**  
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  
WEST EAST SOUTH  
**290**  
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  
**A514292-P**  
COUNTY NO.

STATE SIGNATURE  
DATE ISSUED **07/03/03**  
CO SIGNATURE **Mark E. Riffin**  
NORTH GRID **486000**  
EAST GRID **822000**  
EXP. DATE **7/04/04**

APPROXIMATE DEPTH OF WELL **300** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)

BORED (or Augered)  JETTED  Jetted & DRIVEN  
AIR-ROTary  AIR-PERCussion  ROTARY (Hydraulic Rotary)  
CABLE  REVerse-ROTary  DRive-POINT

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)

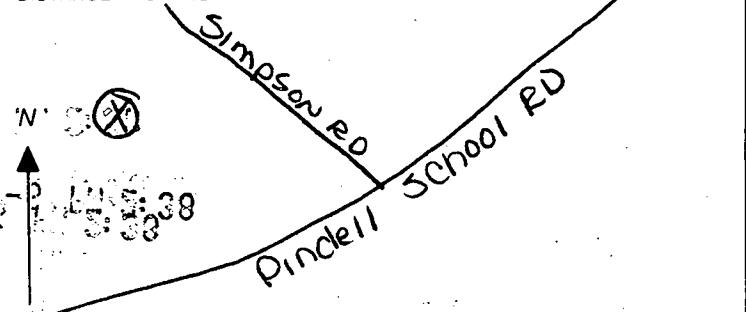
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

- SOURCES OF DRILLING WATER
- WELL**
  - 
  -

WRITE THE BOX NUMBER FROM THE MAP HERE

E **822**  
N **486**

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



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

APPROP. PERMIT NUMBER **G**  
PERMIT No. **HO-94-3738**

SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED

Well  
Site OK  
MR  
6/30/03

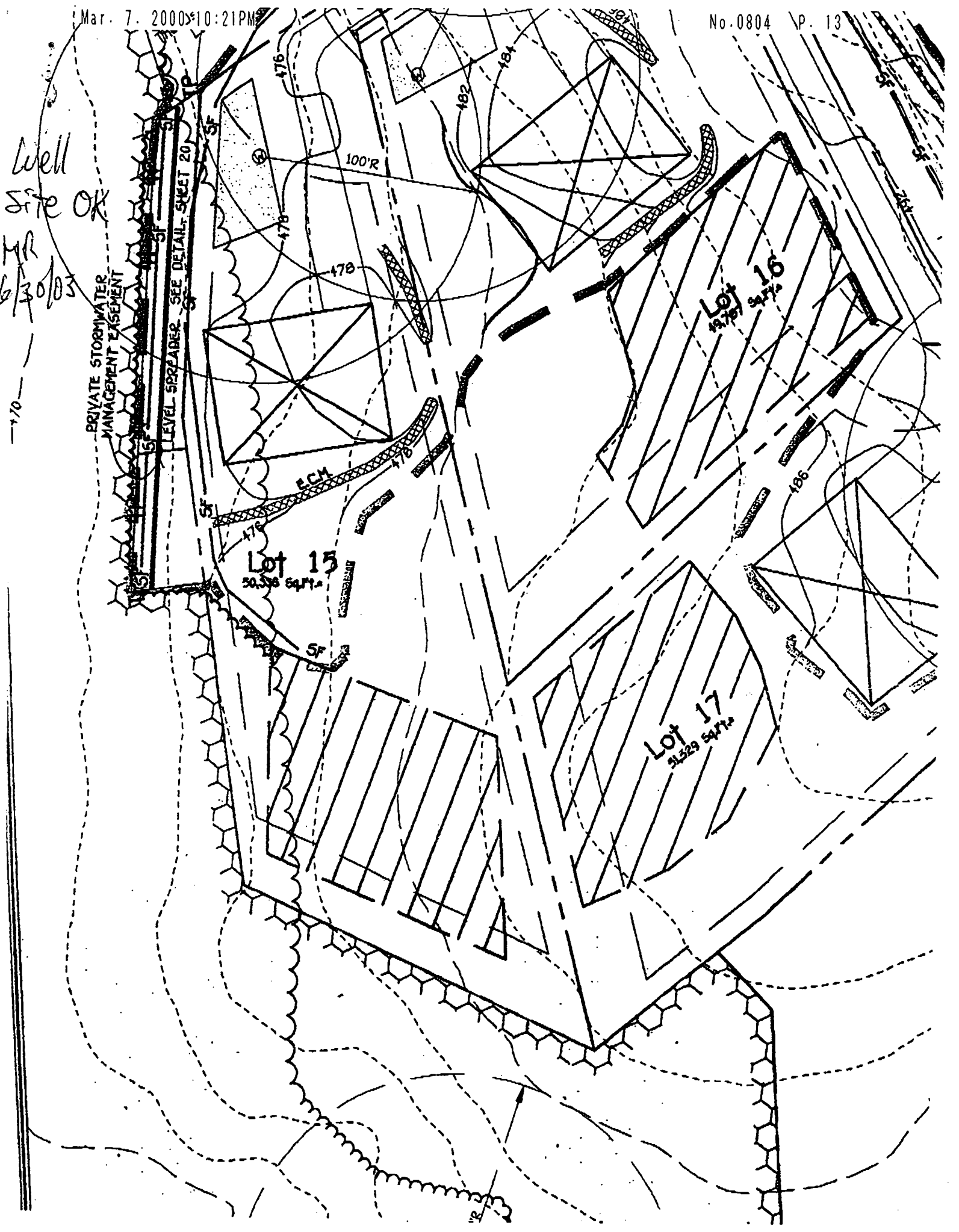
170

PRIVATE STORMWATER  
MANAGEMENT EASEMENT  
LEVEL SPREADER SEE DETAIL SHEET 20

Lot 15  
20,378 sq. ft.

Lot 16  
19,191 sq. ft.

Lot 17  
21,529 sq. ft.



# APPLICATION

PERCOLATION TESTING

A 514292-P

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. 14/5

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

844 845

brn  
red  
clim

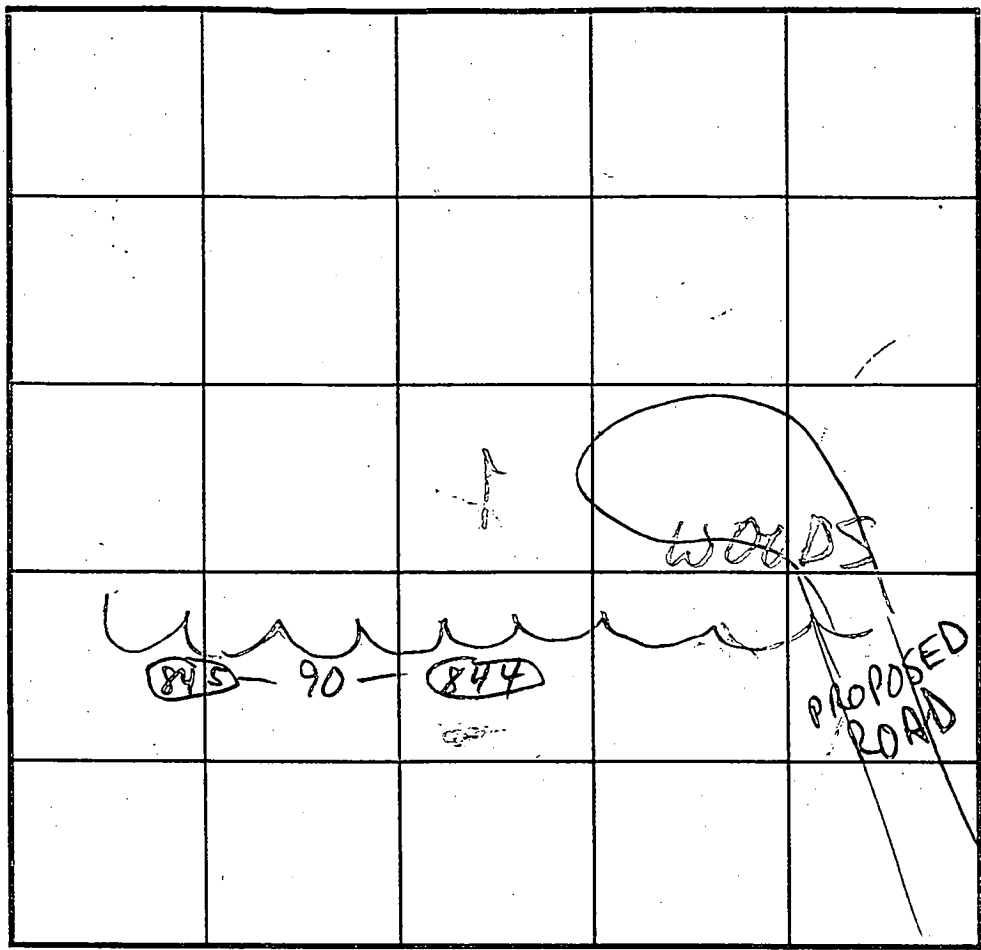
5-6

red  
magenta  
brn  
si  
sa 1m  
59  
frags

13 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		
12/27/00	844 S	6	10:46	10:48	10:48	10:50	2	
	844 V	13 1/2	OK see profile					
	845 S	6	11:58	12:05	SLOW	25016	2	
			12:10	12:11	13:11	12:13		
	845 V	13 1/2	OK see profile					

REMARKS THESE TESTS OK, BUT H<sub>2</sub>O EXPECTED ON REMAINING

TYPE OF SOIL TEST HOLES LOWER ON LOT, WET SEASON REQ'D

TESTED BY M. Rifkin ALSO PRESENT Fyock crew

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

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

COUNTY #

SOIL PROFILE

902

orge  
red brn  
sicllm

5 1/2

orge  
brn  
sisalm

10%  
fr

15

903/904

red  
sicllm

3.8

orge  
red brn  
sisalm  
10%

901

red  
orge  
cl &  
clm

6

redbrn  
sisalm  
10-15%  
frags

14 1/2

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

SOIL PROFILE

849

red  
sicllm

4 1/2

tan brn  
sal m  
10%  
frags

15 1/2

H<sub>2</sub>O

905

red  
cl m

6 1/2  
7

tan brn  
red sil m  
10% fr

14 1/2

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	908	15 1/2	ALM				
	<del>906</del>	<del>15 1/2</del>					
H <sub>2</sub> O 15 1/2	849	5 1/2 / 15 1/2	7:34	7:36	7:36	7:44	8
	844	15	H <sub>2</sub> O	@ 14	-OK	profiled prev.	
	845	15	DRY	-OK	profiled prev.		
	902	6'3" / 15	7:20	7:25	7:25	7:32	7
	901	7 / 14 1/2	7:01	7:05	7:05	7:12	7
	903	7 / 15	7:19	7:35	3/4" FAIL		
	904	8 / 15	6:59	7:13	FAIL		
	905	6 1/2 / 14 1/2	7:39	7:53	NO DROP POSS DUE		

REMARKS

TO H<sub>2</sub>O IN CL; OK @ 7'

TYPE OF SOIL

TESTED BY

ALSO PRESENT

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SQ. FT/BEDROOM

COUNTY #

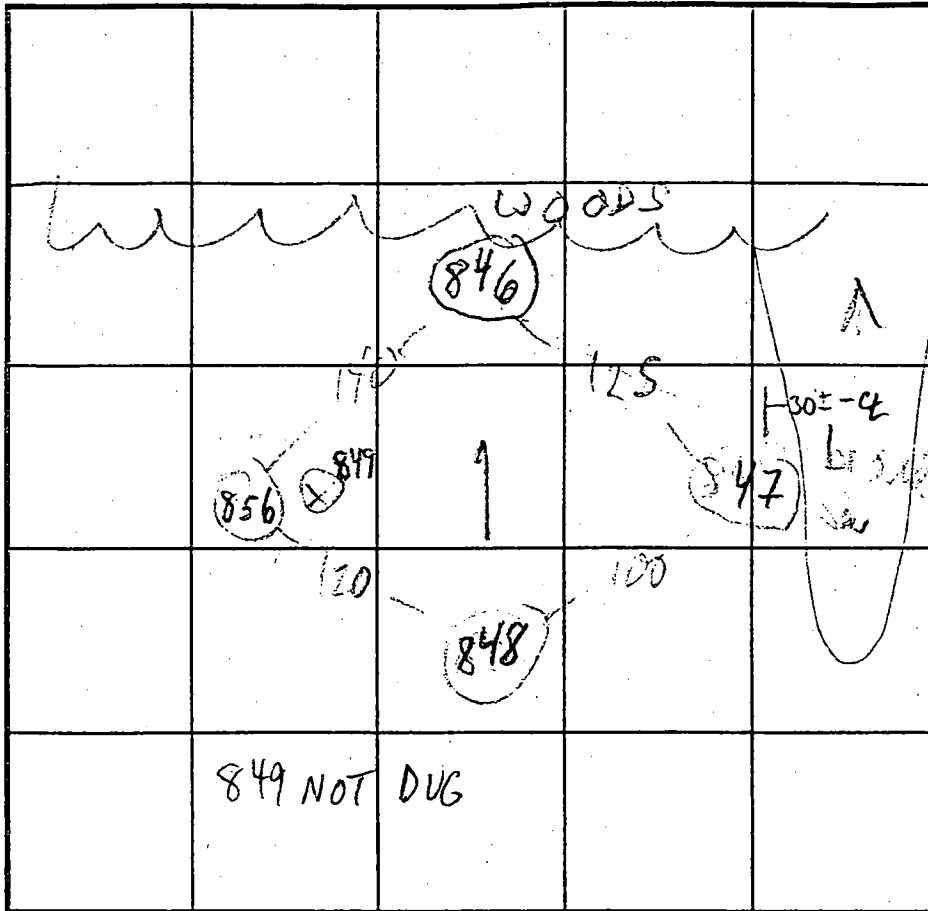
LOT No. \_\_\_\_\_

SOIL PROFILE

SOIL PROFILE

0' 846  
 red  
 brn yel  
 sil m  
 14  
 H<sub>2</sub>O  
 843

0' 856  
 heavy  
 brn yel  
 olive cl  
 4-5  
 wh. beige  
 tan yel  
 sil m  
 6  
 bright red  
 orge  
 sil m  
 5-10%  
 frags  
 13 1/2



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

red brn  
 sil m  
 5%  
 frags  
 4  
 red yel  
 magenta  
 sil sal m  
 7  
 10-15%  
 frags  
 845

orge  
 red yel  
 sil m  
 5  
 dk red  
 sil sal m  
 5% frags  
 13 1/2

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
12/2/00	846 S	6'8"	10:50	11:10	11:10	11:53	43 EST
	846 v	14	H <sub>2</sub> O	13'9"	FAIL		
	847 S	4'9"	10:57	10:58	10:58	11:00	2
	847 v	13	OK see profile				
	848 S	5'10"	11:06	11:10	11:10	11:15	5
	848 v	13'9"	OK see profile				
	856 S	6 1/2	11:43	11:48	11:48	11:55	7
	856 v	13 1/2	OK see profile				

REMARKS (846) FAILS FOR TIME; WET SEASON TESTING REQ'D FOR FURTHER REVIEW

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

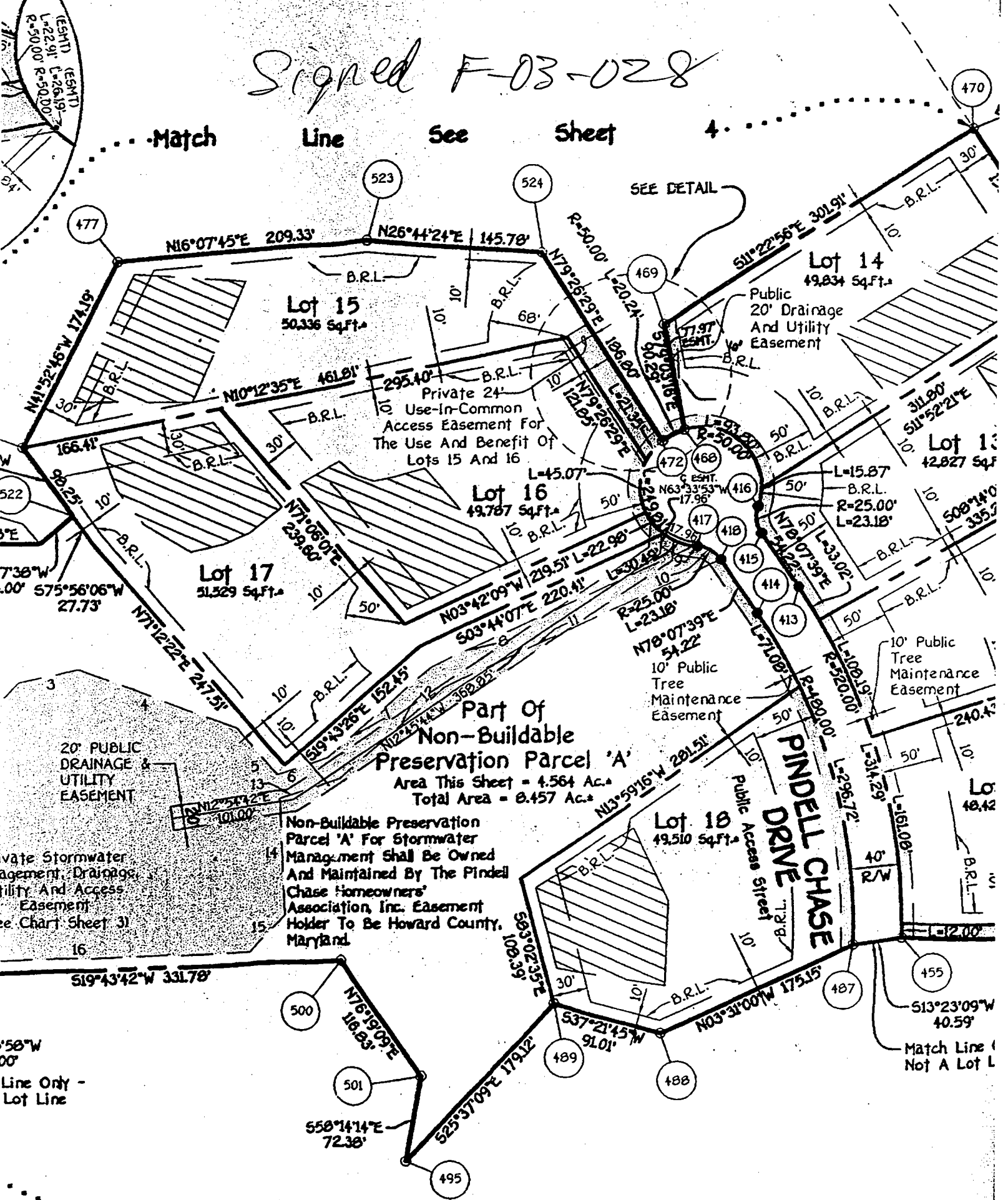
TESTED BY M. Ripkin ALSO PRESENT Fyock crew

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

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

Signed F-03-028

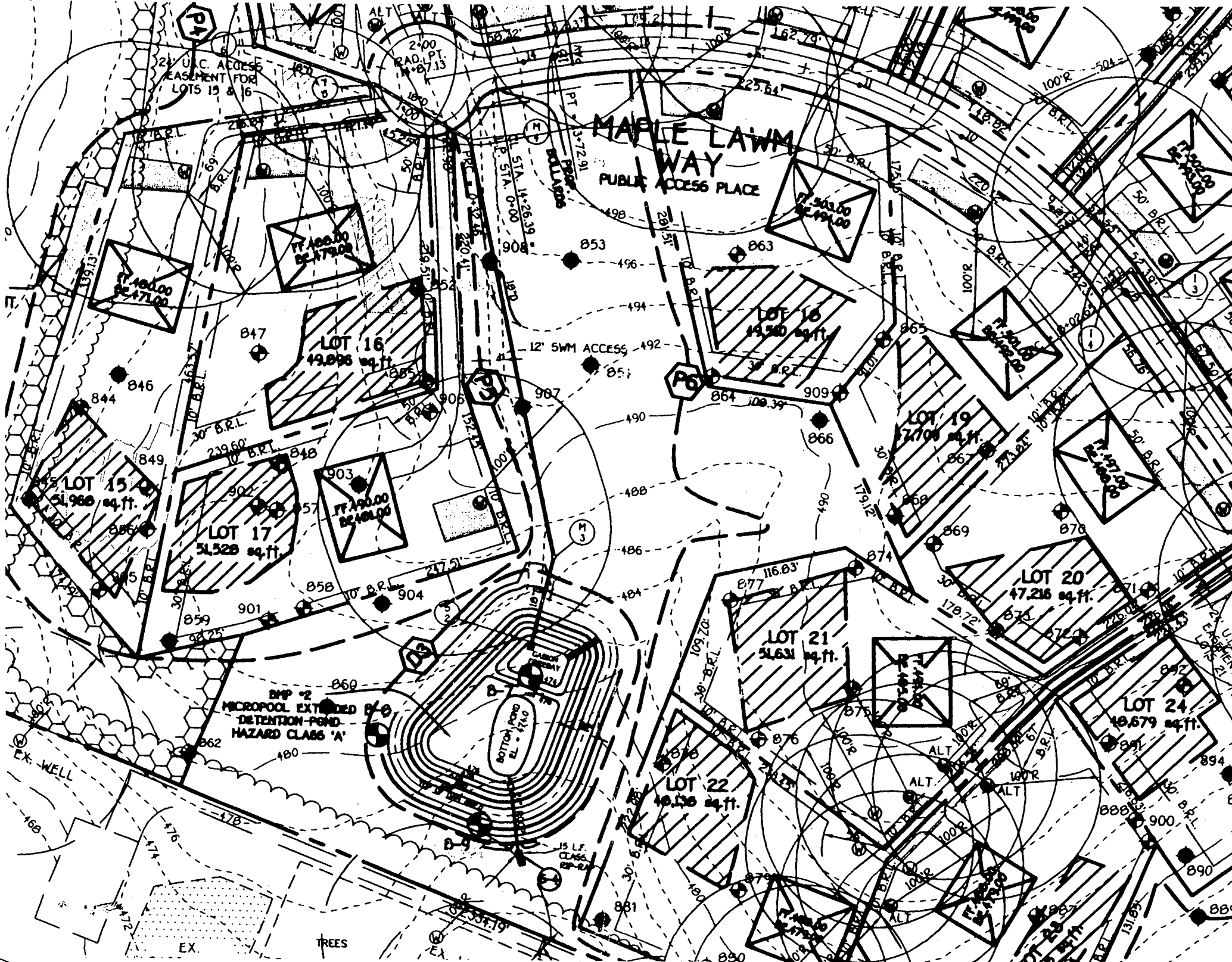
Match Line See Sheet 4



Line Only - Lot Line

Match Line See Sheet

0  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10



# MAPLE LAWN WAY PUBLIC ACCESS PLACE

24' U.C. ACCESS  
EASEMENT FOR  
LOTS 15 & 16

17,400.00  
22,179.00

LOT 16  
49,896 sq. ft.

LOT 18  
44,580 sq. ft.

LOT 19  
27,704 sq. ft.

LOT 15  
51,988 sq. ft.

LOT 17  
51,528 sq. ft.

17,490.00  
22,484.00

LOT 21  
51,631 sq. ft.

LOT 20  
47,216 sq. ft.

LOT 22  
46,138 sq. ft.

LOT 24  
46,579 sq. ft.

BMP #2  
MICROPOOL EXTENDED  
DETENTION-POND  
HAZARD CLASS 'A'

BOTTOM POND  
EL. 114.0

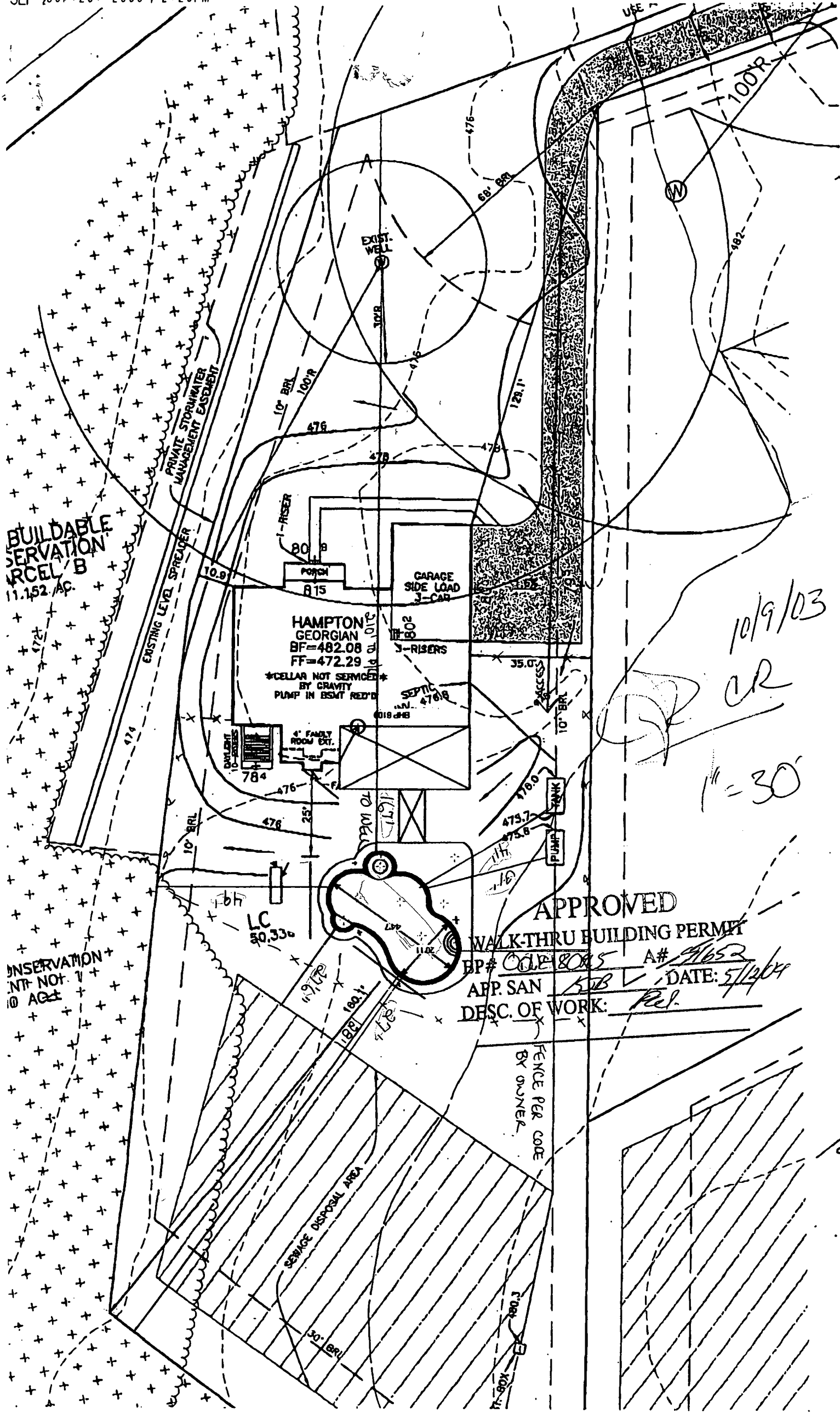
15 LF.  
CLASS  
SP-RA

EX. WELL

EX.

TREES

EX.



BUILDABLE SERVATION  
ARCEL B  
11.162 AC.

SERVATION  
NOT NOT  
AGE

10/9/03

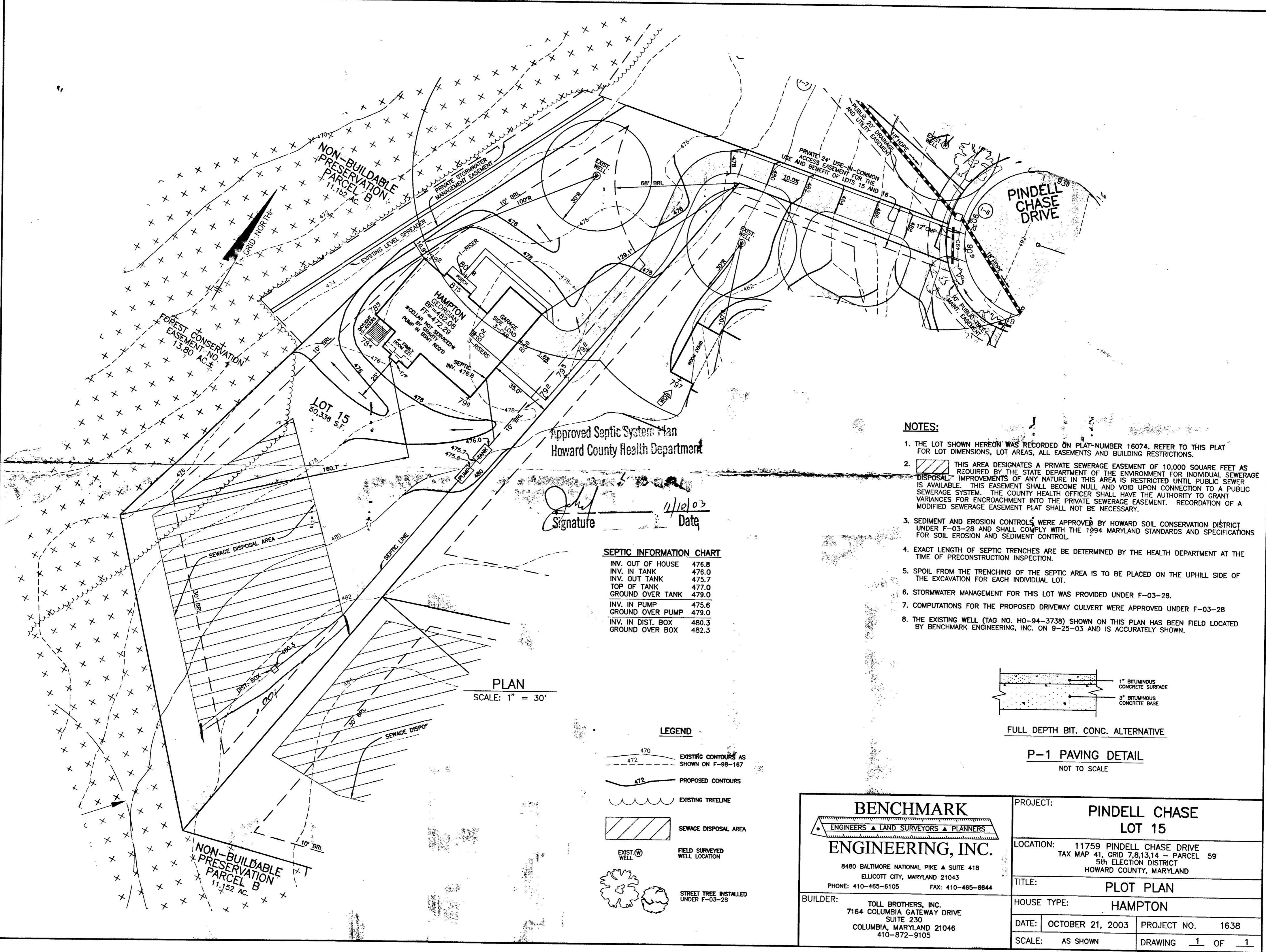
CR

1" = 30'

APPROVED  
WALK-THRU BUILDING PERMIT  
 BP# 00128005 A# 11652  
 APP. SAN 50B DATE: 5/12/04  
 DESC. OF WORK: Per.

FENCE PER CODE  
BY OWNER

S



Approved Septic System Plan  
Howard County Health Department

*John*  
Signature      11/10/03  
Date

**SEPTIC INFORMATION CHART**

INV. OUT OF HOUSE	476.8
INV. IN TANK	476.0
INV. OUT TANK	475.7
TOP OF TANK	477.0
GROUND OVER TANK	479.0
INV. IN PUMP	475.6
GROUND OVER PUMP	479.0
INV. IN DIST. BOX	480.3
GROUND OVER BOX	482.3

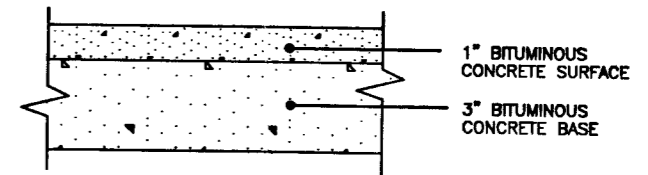
PLAN  
SCALE: 1" = 30'

**LEGEND**

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

**NOTES:**

- THE LOT SHOWN HEREON WAS RECORDED ON PLAT-NUMBER 16074. REFER TO THIS PLAT FOR LOT DIMENSIONS, LOT AREAS, ALL EASEMENTS AND BUILDING RESTRICTIONS.
- 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.
- 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.
- EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PRECONSTRUCTION INSPECTION.
- SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
- STORMWATER MANAGEMENT FOR THIS LOT WAS PROVIDED UNDER F-03-28.
- COMPUTATIONS FOR THE PROPOSED DRIVEWAY CULVERT WERE APPROVED UNDER F-03-28
- THE EXISTING WELL (TAG NO. HO-94-3738) SHOWN ON THIS PLAN HAS BEEN FIELD LOCATED BY BENCHMARK ENGINEERING, INC. ON 9-25-03 AND IS ACCURATELY SHOWN.



FULL DEPTH BIT. CONC. ALTERNATIVE

P-1 PAVING DETAIL  
NOT TO SCALE

<p align="center"><b>BENCHMARK</b> ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS</p> <p align="center"><b>ENGINEERING, INC.</b></p> <p align="center">8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418 ELLCOTT CITY, MARYLAND 21043 PHONE: 410-465-6105    FAX: 410-465-6844</p>	PROJECT:	<b>PINDELL CHASE LOT 15</b>
	LOCATION:	11759 PINDELL CHASE DRIVE TAX MAP 41, GRID 7,8,13,14 - PARCEL 59 5th ELECTION DISTRICT HOWARD COUNTY, MARYLAND
BUILDER:	TITLE:	<b>PLOT PLAN</b>
TOLL BROTHERS, INC. 7164 COLUMBIA GATEWAY DRIVE SUITE 230 COLUMBIA, MARYLAND 21046 410-872-9105	HOUSE TYPE:	<b>HAMPTON</b>
DATE: OCTOBER 21, 2003	PROJECT NO.	1638
SCALE: AS SHOWN	DRAWING	1 OF 1