

LAYOUT 9/20/02 2:00 INSP 4 \_\_\_\_\_  
 INSP 2 10/02/02 9-10am INSP 5 \_\_\_\_\_  
 INSP 3 \_\_\_\_\_ INSP 6 \_\_\_\_\_

ISSUE DATE: 9/16/2002  
 APPROVAL DATE: 10/2/02

**PERMIT** 04-365607  
**INDEXED**

P 517914  
 A 59946-F

**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 Road, Dickerson, MD PHONE NUMBER: 301-349-4400  
 SUBDIVISION: Westwoods at Cherry Grove LOT NUMBER: 10  
 ADDRESS: 16825 Colton Court PROPERTY OWNER: D.R. Horton, Inc.  
 SEPTIC TANK CAPACITY (GALLONS): 1250 OUTLET BAFFLE FILTER REQUIRED   
 PUMP CHAMBER CAPACITY (GALLONS): \_\_\_\_\_ 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 4.0 feet below original grade. 2.0 feet of stone below distribution pipe.
LOCATION:	Place the distribution box near the top left corner easement stake as shown on the approved site plan. Run trenches on contour in both directions.
NOTES:	

PLANS APPROVED: Steven R. Krieg OK 3/26/02 (SD) DATE: 3/11/2002

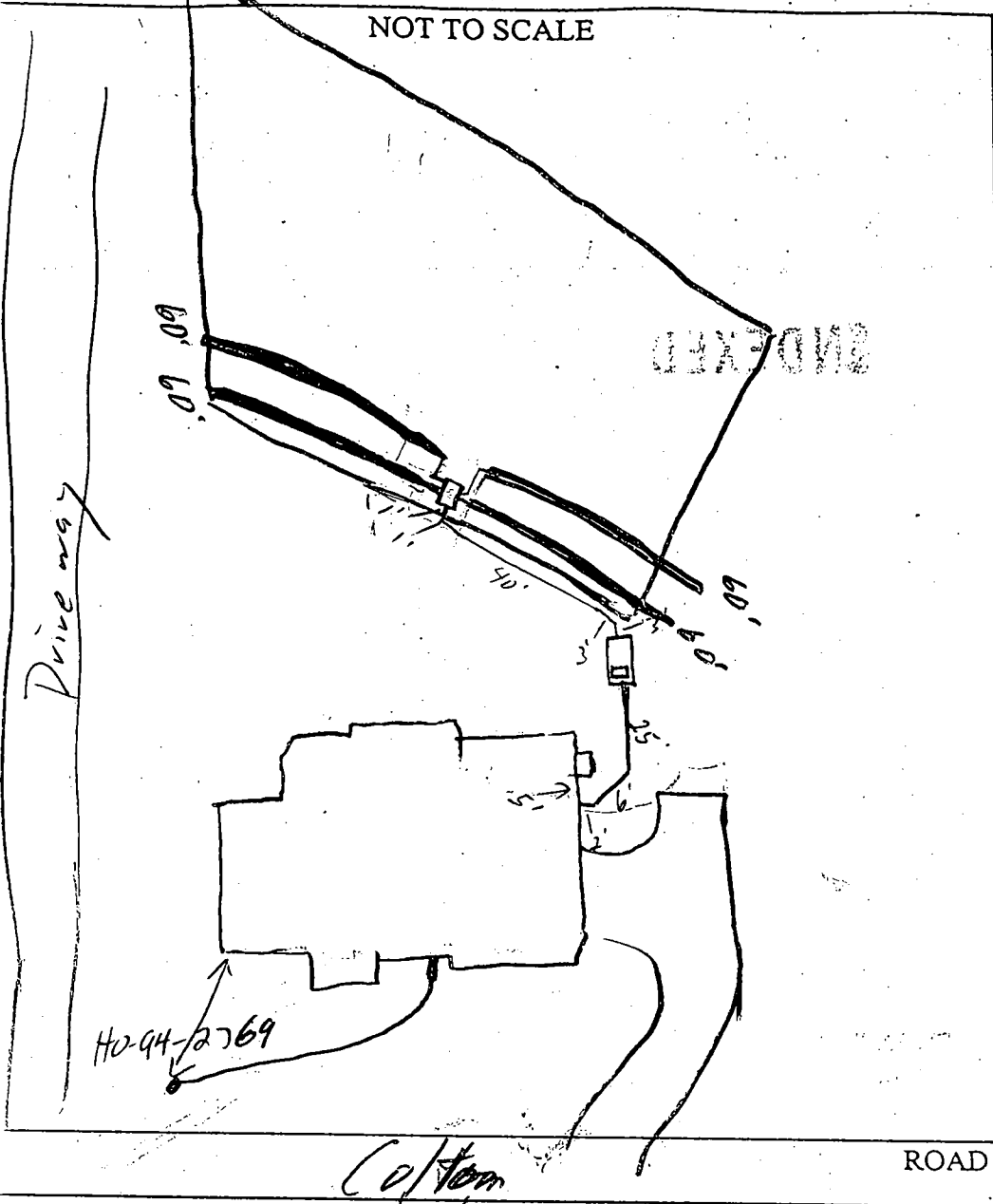
NOTES: PERMIT VOID AFTER 2 YEARS  
 CONTRACTOR IS RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS  
 WATERTIGHT SEPTIC TANKS REQUIRED  
 ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL UNLESS SPECIFICALLY AUTHORIZED  
 MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED  
 CONTRACTOR RESPONSIBLE FOR COMPLIANCE WITH APPLICABLE REGULATIONS, GUIDELINES AND THE TERMS OF THIS PERMIT

**NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

**BUILDING PERMIT SIGNED AND RETURNED**  
 10-4-02 600138689-46 PROPANE TANK  
 2-17-05 600152358-DECK

A59946-F

NOT TO SCALE



TRENCH/DRAINFIELD DATA

WIDTH	INLET	BOTTOM
3'	3'	5'
NUMBER OF TRENCHES 4'		
TOTAL LENGTH 240'		
ABSORPTION AREA 220 sq		
DISTRIBUTION BOX LEVEL ✓		
DISTRIBUTION BOX BAFFLE ✓		
DISTRIBUTION BOX PORT ✓		

SEPTIC TANK DATA

SEPTIC TANK 1 LEVEL	✓
CAPACITY	1500 GAL
SEAM LOC	Top
TANK LID DEPTH	1'
BAFFLES	✓
BAFFLE FILTER	—
MANHOLE LOC	Front
6" PORT LOC	—
WATERTIGHT TEST	✓
SEPTIC TANK 2 LEVEL	—
CAPACITY	— GAL
SEAM LOC	—
TANK LID DEPTH	—
BAFFLES	N/A
BAFFLE FILTER	N/A
MANHOLE LOC	—
6" PORT LOC	—
WATERTIGHT TEST	—

PRE-CONSTRUCTION 9/20/02 House changed, Install (4) 60's w/ DB 60' from left side. Right side trenches will be slightly out of SR (50)

INSTALLATION 9/25/02 Tank set, OK to cover (50) 10/2/02 OK to cover all work (50)

FINAL INSPECTOR [Signature] DATE OF APPROVAL 10/2/02

BUILDING PERMIT SIGNED AND RETURNED



# COLTON COURT (55' R/W)

10' PUBLIC TREE  
MAINT. ESMT.  
PER PLAT NO. 14809

24' PRIVATE USE-IN COMMON  
INGRESS & EGRESS EASM'T.  
FOR LOTS 8 AND 9. THE  
U-I-C MAINTENCE AGREE-  
MENT IS RECORDED IN THE  
LAND RECORDS OF HOWARD  
COUNTY, MD.

20' ACCESS EASEMENT  
TO BOUNDS PROPERTY

## LOT 10

## LOT 7

9/16/02 -  
Wall Check  
on (SRK)

PRESERVATION PARCEL "A"  
NON-BUILDABLE  
RETAINED BY OWNER  
EASEMENT HOLDERS ARE HOWARD COUNTY, MD &  
THE WESTWOODS OF CHERRY GROVE  
HOMEOWNERS ASSOCIATION, INC.  
5.65 AC±

N 03°02'48" W  
5.73'

TOP OF FOUNDATION WALL ELEVATION = 596.4'  
OFFSET DIMENSIONS TO PROPERTY LINES ARE ± 1'

### SURVEYOR'S CERTIFICATE

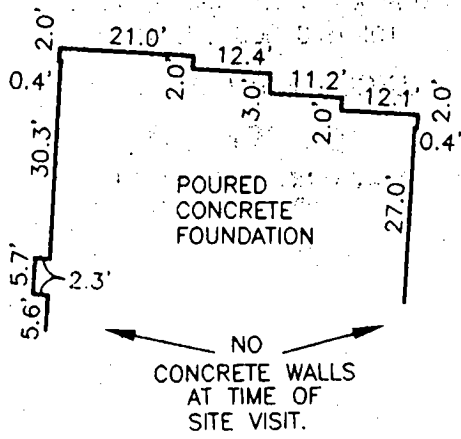
I, HEREBY CERTIFY TO THE BEST OF MY PROFESSIONAL  
KNOWLEDGE, INFORMATION AND BELIEF, THAT THE  
DIMENSIONS OF THE BUILDING WALLS SHOWN HEREON  
ARE CORRECT; THAT THEY ARE BASED ON A FIELD RUN  
SURVEY PERFORMED BY BENCHMARK ENGINEERING, INC.  
ON 06/20/02; AND THAT THE PROPERTY OUTLINE  
SHOWN HEREON IS BASED ON THE PLAT PREPARED BY  
R.M. MOCHI GROUP, INC. ENTITLED "THE WESTWOODS OF  
CHERRY GROVE", AND RECORDED AMONG THE LAND  
RECORDS OF HOWARD COUNTY AS PLAT No.14809

*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. 14809  
FEMA FIRM No. 240044 0013 B  
ZONE: C  
DATED: 12/04/86

**BENCHMARK  
ENGINEERING, INC.**

8480 BALTIMORE NATIONAL PIKE & SUITE 418  
ELLCOTT CITY, MARYLAND 21043  
phone: 410-465-8105 & fax: 410-465-8644  
email: Benchmark@ecdc.com



### FOUNDATION DETAIL

SCALE: 1" = 30'

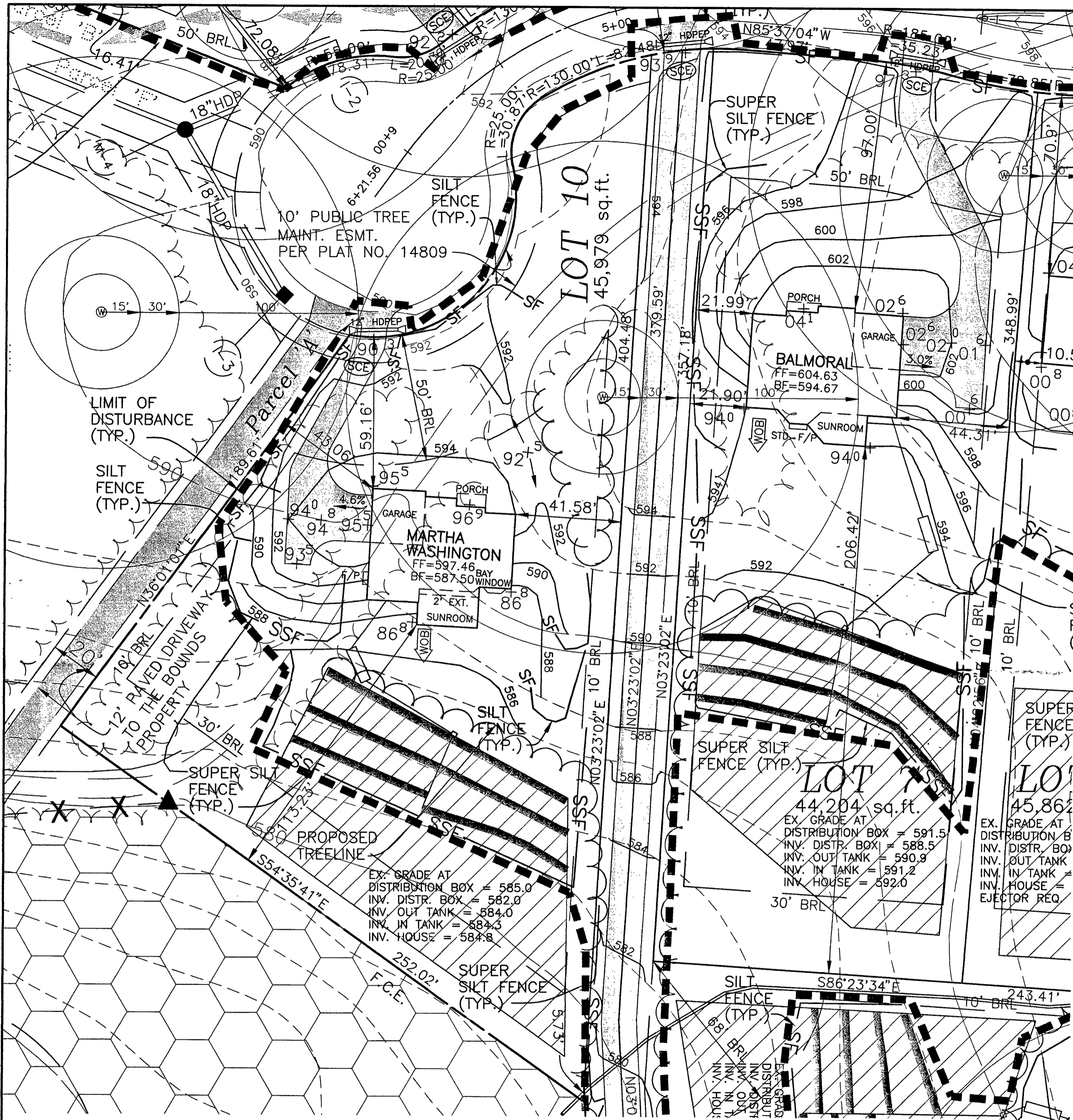
### WALL CHECK

## THE WESTWOODS OF CHERRY GROVE LOT No. 10

16825 COLTON COURT

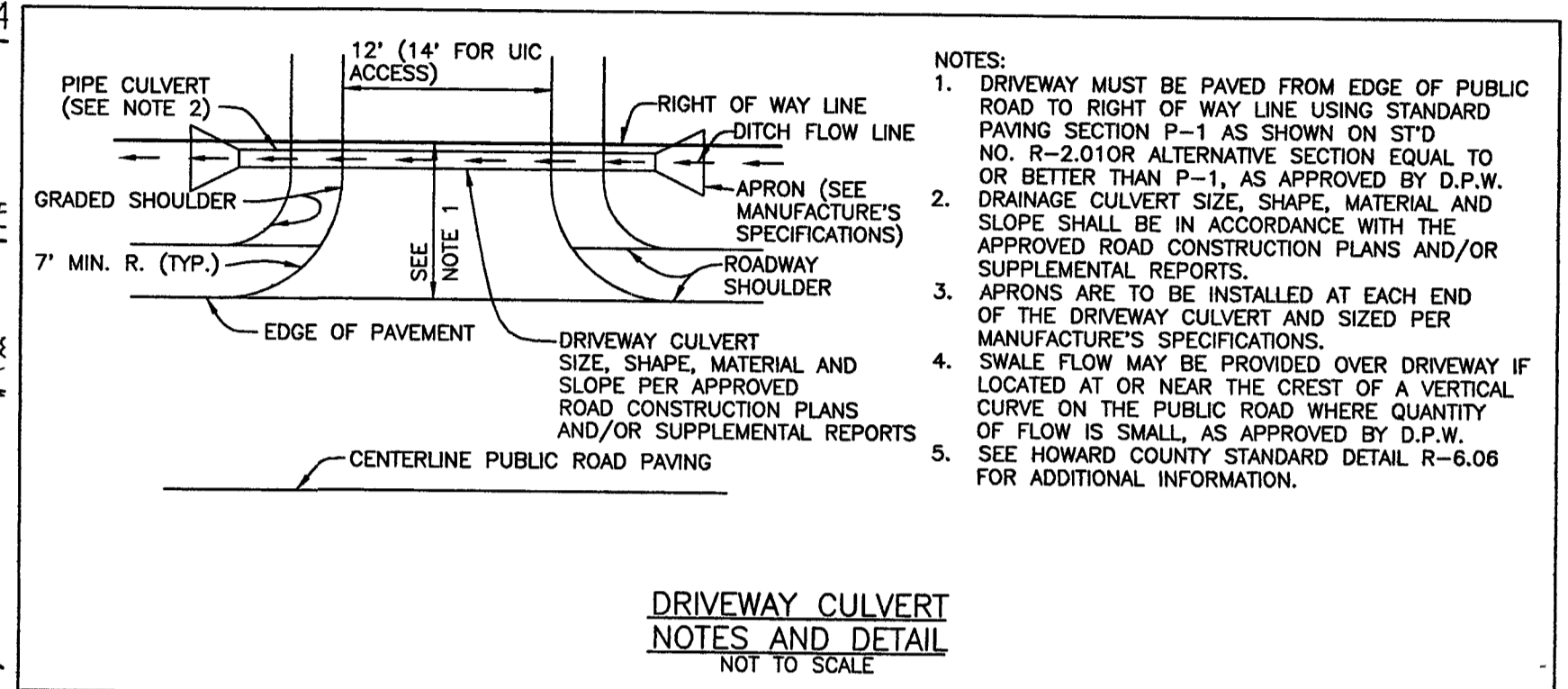
4TH ELECTION DISTRICT  
HOWARD COUNTY, MARYLAND

SCALE: 1" = 60' DATE: 06/20/02



**NOTES:**

1. THE LOT SHOWN HEREON WAS RECORDED ON PLAT NUMBER 14809, REFER TO THE 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 GP-01-192 AND MODIFIED FOR THIS SPECIFIC HOUSE.
4. TOPOGRAPHY SHOWN HEREON IS TAKEN FROM THE APPROVED ROAD CONSTRUCTION PLANS.
5. EXACT LENGTH OF SEPTIC TRENCHES ARE TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
6. SPOIL FROM THE TRENCHING OF THE SEPTIC AREA IS TO BE PLACED ON THE UPHILL SIDE OF THE EXCAVATION FOR EACH INDIVIDUAL LOT.
7. ALL SEDIMENT AND EROSION CONTROL FEATURES USED ON THIS SITE SHALL COMPLY WITH 1994 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL.
8. ALL DRAINAGE AND STORMWATER MANAGEMENT FEATURES USED ON THIS SITE MUST COMPLY WITH THE APPROVED ROAD CONSTRUCTION PLANS (F-00-105).



- NOTES:**
1. DRIVEWAY MUST BE PAVED FROM EDGE OF PUBLIC ROAD TO RIGHT OF WAY LINE USING STANDARD PAVING SECTION P-1 AS SHOWN ON STD NO. R-2010R ALTERNATIVE SECTION EQUAL TO OR BETTER THAN P-1, AS APPROVED BY D.P.W.
  2. DRAINAGE CULVERT SIZE, SHAPE, MATERIAL AND SLOPE SHALL BE IN ACCORDANCE WITH THE APPROVED ROAD CONSTRUCTION PLANS AND/OR SUPPLEMENTAL REPORTS.
  3. APRONS ARE TO BE INSTALLED AT EACH END OF THE DRIVEWAY CULVERT AND SIZED PER MANUFACTURER'S SPECIFICATIONS.
  4. SWALE FLOW MAY BE PROVIDED OVER DRIVEWAY IF LOCATED AT OR NEAR THE CREST OF A VERTICAL CURVE ON THE PUBLIC ROAD WHERE QUANTITY OF FLOW IS SMALL, AS APPROVED BY D.P.W.
  5. SEE HOWARD COUNTY STANDARD DETAIL R-6.06 FOR ADDITIONAL INFORMATION.

**DRIVEWAY CULVERT NOTES AND DETAIL**  
NOT TO SCALE

**LEGEND**

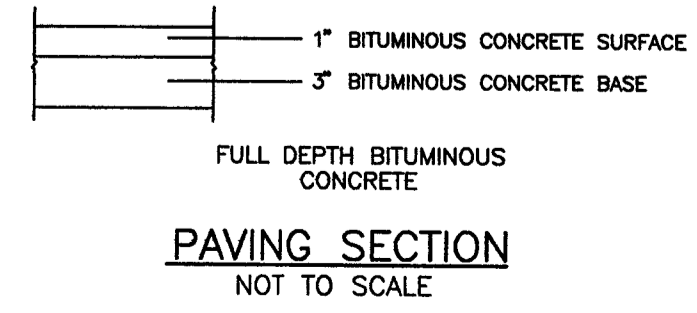
- LIMIT OF DISTURBANCE
- PROP. SILT FENCE
- PROP. SUPER SILT FENCE
- EX. EARTH DIKE
- PROP. EARTH DIKE
- STABILIZED CONSTRUCTION ENTRANCE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EROSION CONTROL MATTING

NO.	DATE	REVISION

**BENCHMARK**  
ENGINEERS ▲ LAND SURVEYORS ▲ PLANNERS  
**ENGINEERING, INC.**  
8480 BALTIMORE NATIONAL PIKE ▲ SUITE 418  
ELLICOTT CITY, MARYLAND 21043  
PHONE: 410-465-6105 ▲ FAX: 410-465-6644  
EMAIL: [benchmark@cais.com](mailto:benchmark@cais.com)

**REVISED**  
Date: 5-21-02  
16825 Colton Ct  
Comments: B00134306  
Change SPD  
5/23/02 - Proposed Amendment on SRU

OWNER/BUILDER: <b>D.R. HORTON, INC.</b> SUITE 230 1370 PICCARD DRIVE ROCKVILLE, MARYLAND 20850 1-301-670-6144		PROJECT: <b>THE WESTWOODS AT CHERRY GROVE LOT 10</b>	
LOCATION: 16825 COLTON COURT LUSKON, MD 21797 TAX MAP 13 - BLOCK 15 - PARCELS 140, 141, 142 AND P/O PARCEL 46 4th ELECTION DISTRICT, HOWARD COUNTY, MARYLAND		TITLE: <b>PERMIT PLAN</b>	
HOUSE TYPE: <b>MARTHA WASHINGTON</b>		DATE: FEBRUARY, 2002 MAY, 2002	PROJECT NO. 1431
DESIGN: JMC	DRAFT: JTC	SCALE: 1" = 30'	DRAWING 1 OF 1



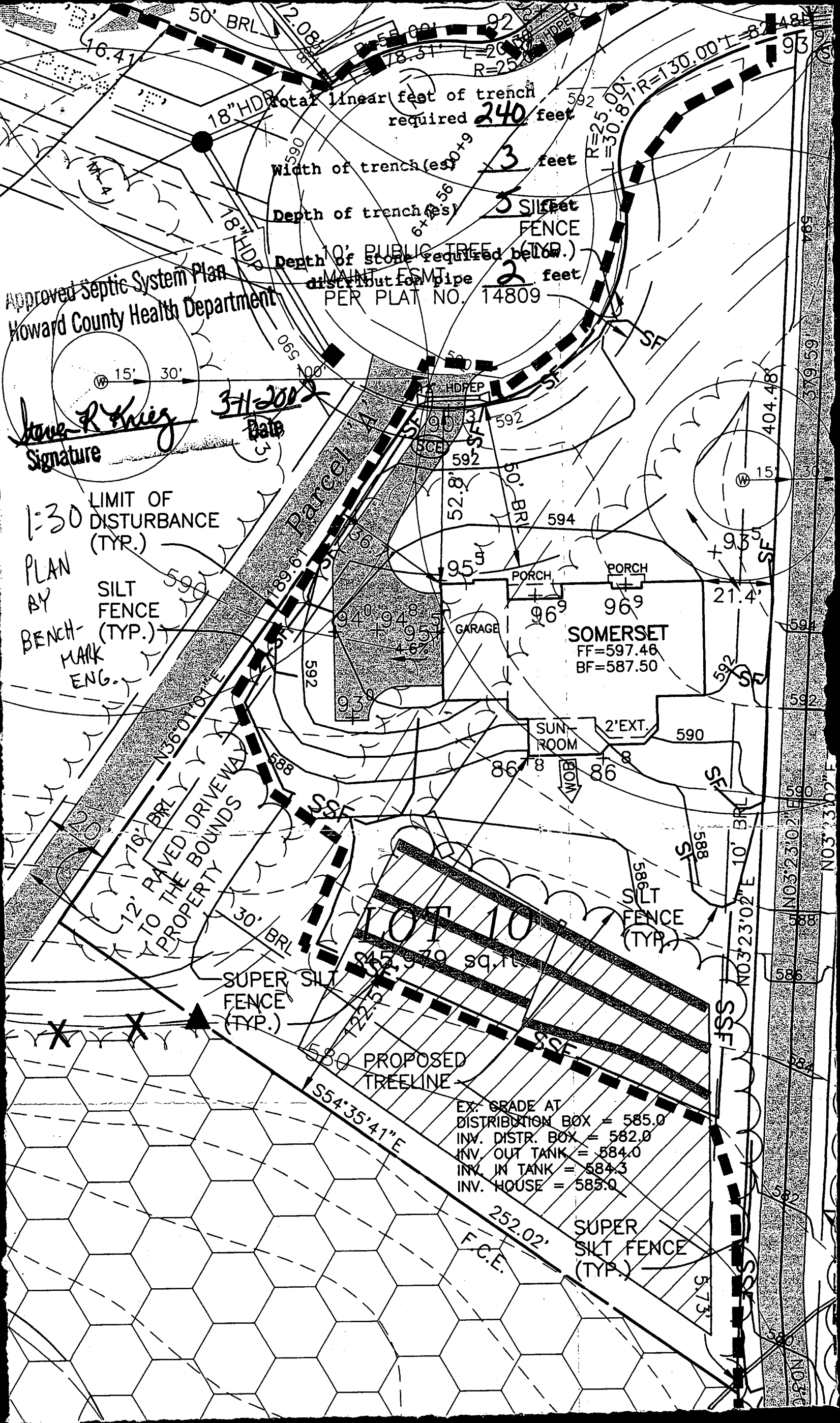
Approved Septic System Plan  
Howard County Health Department

*Steve R. Krueger*  
Signature

3/1/2002  
Date

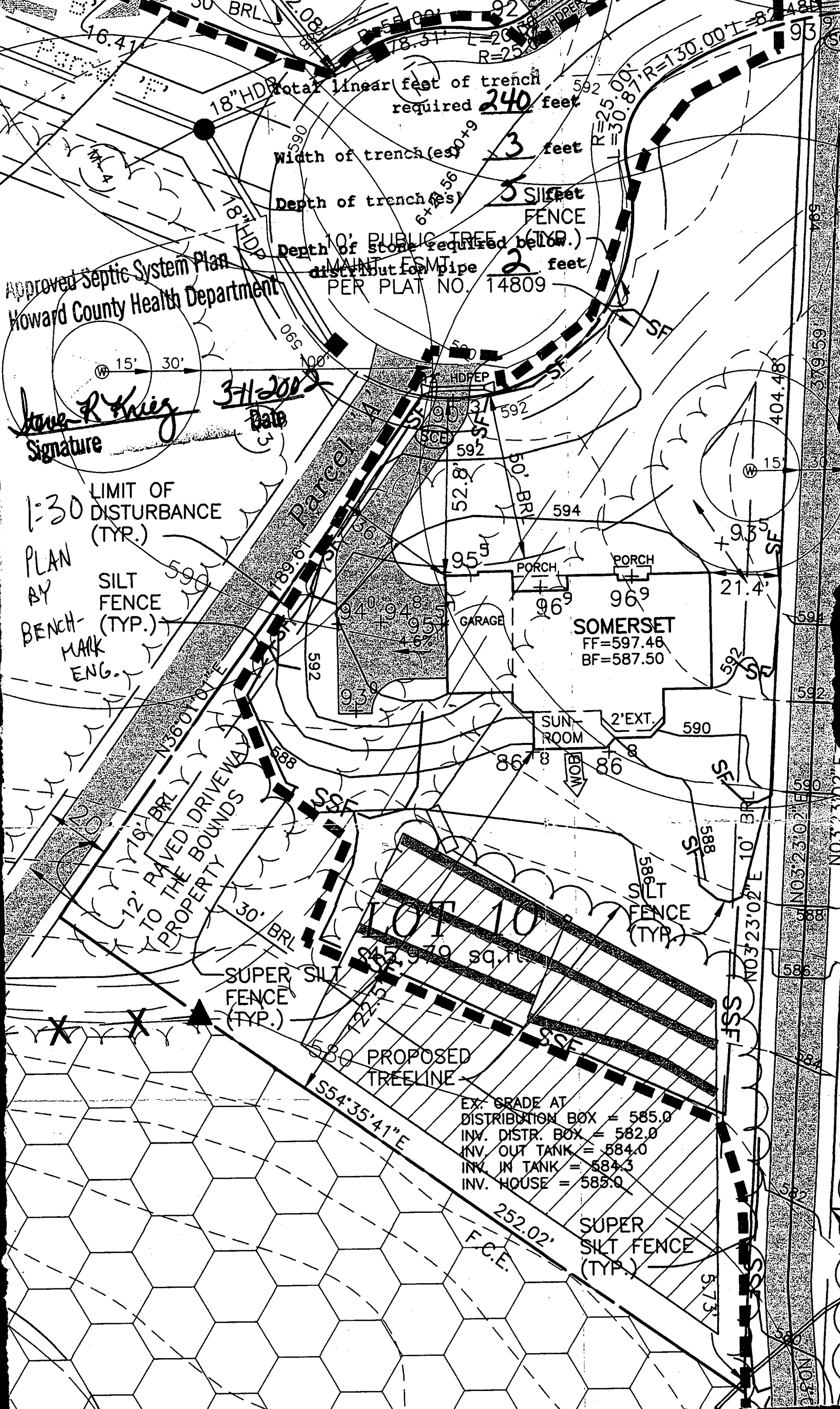
1:30 LIMIT OF DISTURBANCE (TYR.)  
PLAN BY  
BENCH-MARK ENG.  
SILT FENCE (TYP.)

Total linear feet of trench required **240** feet  
Width of trench (est) **3** feet  
Depth of trench (est) **5** feet  
Depth of stone required below distribution pipe **2** feet  
PER PLAT NO. 14809



EX. GRADE AT DISTRIBUTION BOX = 585.0  
INV. DISTR. BOX = 582.0  
INV. OUT TANK = 584.0  
INV. IN TANK = 584.3  
INV. HOUSE = 585.0

SUPER SILT FENCE (TYP.)



**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 Inc Telephone #: 3014283900  
Address: 23407 Fledermoch Rd  
Chesapeake, Md 20871

(Must circle one) Licensed Plumber Licensed Well Driller Licensed Well Pump Installer  
License # and name of individual responsible for the field installation:  
Name (Print): Frank Hinkle License# 17867

\*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 Jr Telephone #: 670 6144  
Subdivision: Cherry Grove Lot #: 10 Well Tag #: HO-94-2769 ✓  
Site Address: 16825 Cotton Ct

<u>Submersible Pump Data</u>	<u>Pitless Adapter</u>	<u>Well Cap and Electric Conduit</u>
Make: <u>Davids</u>	Make: <u>Compbell</u>	Two piece watertight cap: <u>✓</u>
Model #: _____	Model#: _____	Screened, vented well cap: <u>✓</u>
Pump Capacity <u>13</u> GPM	Depth: <u>42</u> (36" min)	Cap secured to casing: <u>✓</u>
Well Yield: <u>3</u> GPM	NSF approved: _____	Conduit min 18" B.G.: <u>✓</u>
Depth of well encountered at time of pump installation: <u>267</u> (feet)		Conduit secured to well cap: <u>✓</u>
If pump capacity exceeds well yield, a low water cut off switch is required by NSPC 1990 Section 17.8.4		
<u>Torque arrestors or Cable guards are required - Must circle one</u>		
Safety rope, if used, attached to inside of well casing with eye bolt <u>✓</u>		

<u>Piping to house</u>	<u>House Connection</u>
Type: <u>Black 1"</u>	PVC sleeved to undisturbed soil at wall penetration: <u>✓</u>
PSI: <u>200</u> (160 psi min)	Approximate length of sleeve: <u>36"</u>
Depth of supply line: <u>3</u> (36" min)	Sleeve caulked and sealed properly: <u>✓</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.

M. B. Bowers Signature of company representative responsible for installation  
date 9/24/02

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

Date Insp. Requested: 9/25/02 Anytime 10-12am preferred  
Date Insp. Approved: 9/24/02 (SD)

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 ✓

*House Changed*

C1 07858

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED.

COUNTY NUMBER

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well 185'

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO 94 2769

OWNER GROVEMONT DEVELOPMENT LLC STREET OR RFD COLTON COURT TOWN LISBON SUBDIVISION WEST WOODS AT CHERRY GROVE SECTION LOT 610

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Brown Shale and Blue Rock.

GROUTING RECORD form with fields for material type (CM, BC), bags/pounds, and grout seal depth.

CASING RECORD form with fields for casing type (ST, CO, PL, OT), nominal diameter, and total depth.

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

SCREEN RECORD form with fields for screen type (ST, BR, HO, PL, OT) and depth.

PUMPING TEST form with fields for hours pumped, rate, method used, water level, and pump type.

PUMP INSTALLED form with fields for pump type, capacity, and height.

WELL HYDROFRACTURED form with yes/no options.

Legend for well status: A (abandoned), E (electric log), P (production well).

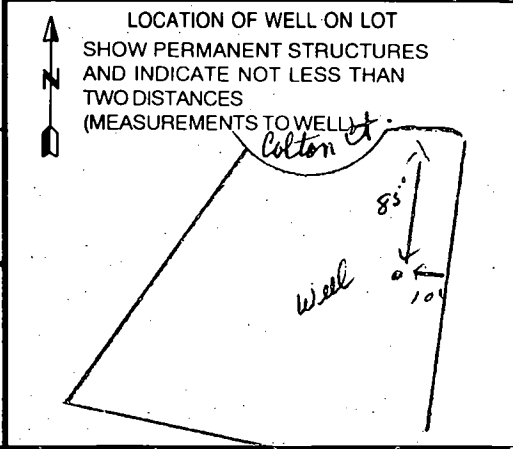
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04...

DRILLERS LIC. NO. 1 MSD 24 and DRILLERS SIGNATURE section.

DEPTH (nearest ft.) table with depth 185' and slot size/diameter information.

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) section with T, W, Q, and other data.



B 1	<b>5962</b>	SEQUENCE NO. (MDE USE ONLY)	STATE OF MARYLAND PERMIT TO DRILL WELL	STATE PERMIT NUMBER
1 2 3 6			<b>4/5/15</b>	<b>HO - 94 - 2769</b>
			Please print or type	fill in this form completely

**OWNER INFORMATION**

Date Received (APA) \_\_\_\_\_

8 MM DD YY 13

Carovmont Development LLC  
 15 Last Name Owner First Name 34

P.O. Box 417  
 36 Street or RFD 55

Ellicott City Md 21041  
 57 Town 70 State 72 Zip 76

**LOCATION OF WELL**

8 COUNTY Howard 21

23 SUBDIVISION The Westwoods of Cherry Grove 42

SECTION 44 46 LOT 6 48 50

52 NEAREST TOWN Lisbon 71

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

**DRILLER INFORMATION**

Driller's Name Joseph L. Mayne 76 License No. MSD024 81

Firm Name Joseph L. Mayne Well Drilling

Address 5512 Ridge Rd Mt. Airy 21771

Signature Joseph L. Mayne Date 7/26/2000

**DIRECTION OF WELL FROM TOWN (CIRCLE BOX)**

1 2

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

11 Colton Ct. 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

34 80 37  
 DISTANCE FROM ROAD  
 ENTER FT OR MI 38 39

TAX MAP: \_\_\_\_\_ BLK: \_\_\_\_\_ PARCEL \_\_\_\_\_

**WELL INFORMATION**

APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20

**USE FOR WATER (CIRCLE APPROPRIATE BOX)**

DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)

INDUSTRIAL, COMMERCIAL, DEWATERING

PUBLIC WATER SUPPLY WELL

TEST, OBSERVATION, MONITORING

GEO-THERMAL

**NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL**

Howard COUNTY NAME COUNTY NO A 59946-F

STATE SIGNATURE \_\_\_\_\_ INSERT S \_\_\_\_\_

DATE ISSUED 08/09/00 CO. SIGNATURE Craig Wilkins EXP. DATE 8/8/01

43 MM DD YY 48

NORTH GRID 530 000 EAST GRID 0772 000  
 50 55 57 63

APPROXIMATE DEPTH OF WELL 300 FEET  
 24 28

APPROXIMATE DIAMETER OF WELL 6 INCH  
 NEAREST

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 770

N 530

000 +

000

**METHOD OF DRILLING (circle one)**

BORED (or Augered) JETTED Jetted & DRIVEN

30 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)

37 CABLE REVERSE-ROTary DRIVE-POINT

other \_\_\_\_\_

**REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)**

THIS WELL WILL NOT REPLACE AN EXISTING WELL

THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

39  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

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

Lisbon

Colton Ct

Well

Jennings Chapel Rd

Old Sawmill Rd

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

APPROP. PERMIT NUMBER \_\_\_\_\_

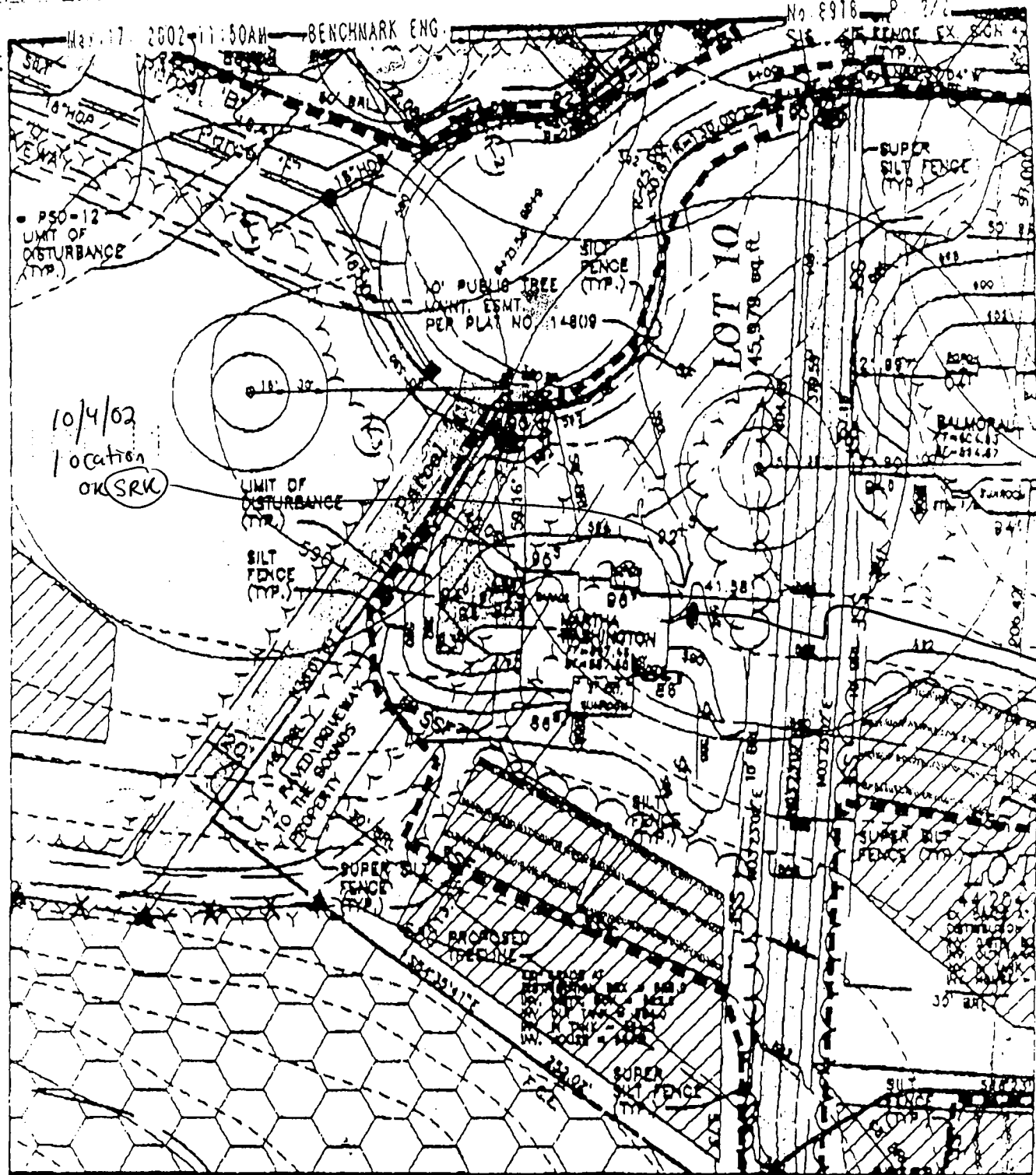
PERMIT No. HO 94-2769  
 70 71 72 73 74 75 76 77 78 79

**SPECIAL CONDITIONS**

NOTE: APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED.



May 17 2002 11:50AM BENCHMARK ENG.



SLOPE OF DRIVEWAY = 4.8% @ GAR.  
 NUMBER OF RISERS IN GAR. = 3  
 NUMBER OF RISERS ON LEAD WALK = 3

THE WESTWOODS AT  
 CHERRY GROVE  
 LOT 10 - MARTHA WASHINGTON



5480 BALTIMORE NATIONAL PIKE - SUITE 418 - ELLOTT CITY, MD 21043  
 PHONE: 410-488-8108 FAX: 410-488-8844

FOURTH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 SCALE: 1" = 50' DATE: 5/17/02

INCLUDED IN START PACKAGE

# 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.

A 59946

COUNTY #

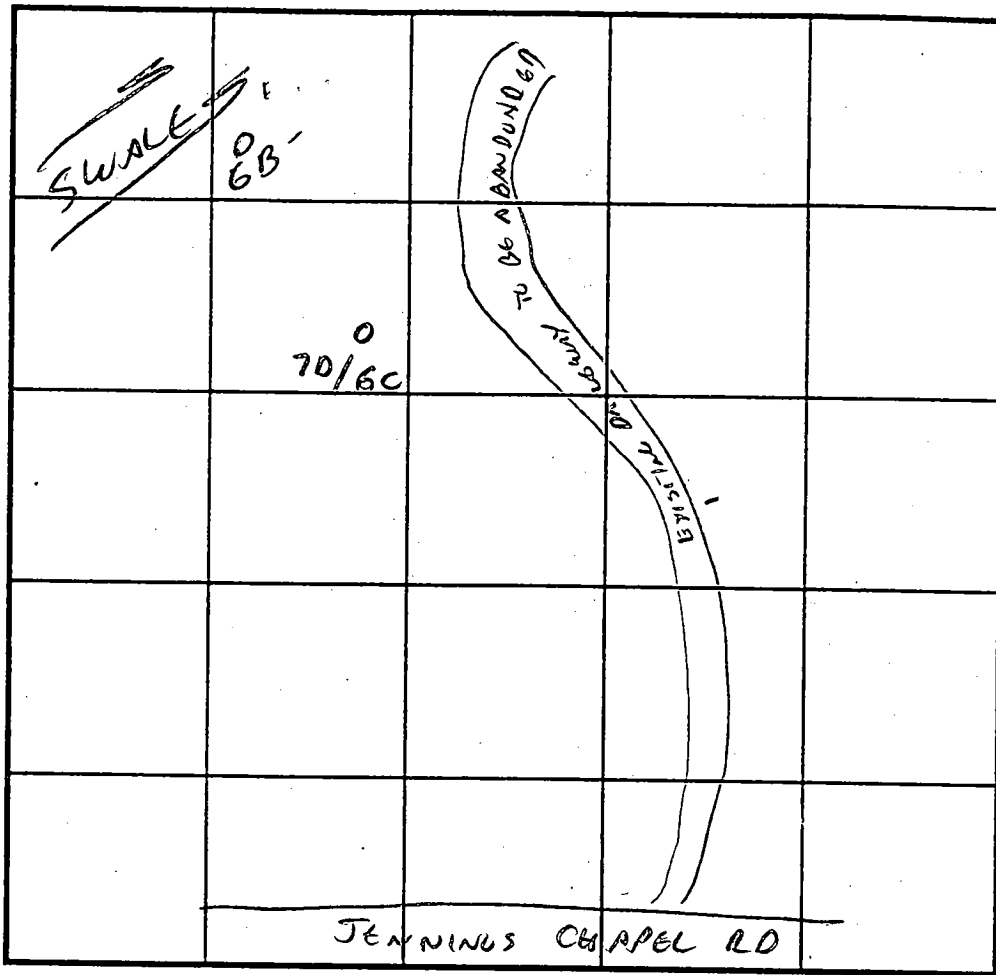
SOIL PROFILE

70/6C

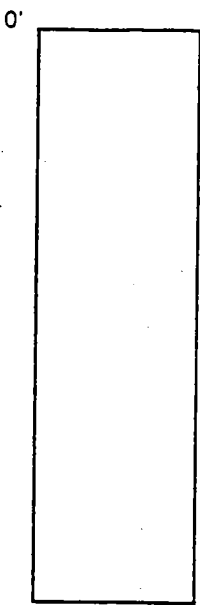
0'  
CLAY  
3'  
ORANGE  
YELLOW  
PATCHY  
CLAY-  
SILT  
LOAM  
9'  
MOTTLED  
11'  
SEEPAGE

6B

CLAY  
5'  
CLAY  
LOAM  
7'  
SEEPAGE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/14/98	70/6C	3 1/2	12:37	12:47	12:47	1:02	15 MIN
		QUESTIONABLE FOR WATER					??
	6B	ABANDONED BY APPLICANT - WATER					X
	NO #	COVERED HOLE - PRESUME FAILED FOR WATER					X

REMARKS \_\_\_\_\_  
 TYPE OF SOIL \_\_\_\_\_  
 TESTED BY C. Wilber ALSO PRESENT SHARP  
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME \_\_\_\_\_ TRENCH WIDTH \_\_\_\_\_  
 INLET DEPTH \_\_\_\_\_ MAXIMUM BOTTOM DEPTH \_\_\_\_\_ SQ. FT./BEDROOM \_\_\_\_\_

NICHOLS SUBD.

A59946

COUNTY #

SOIL PROFILE  
4C/6D

0'  
4'  
11'

YELLOW/BROWN  
CLAY

RED  
BROWN  
CLAY  
LOAM

DRY

4B/6A

4'  
10'  
11'

YELLOW  
BROWN  
CLAY

YELLOW  
BROWN  
MICA  
SILT  
LOAM

MOTTLED

SEEPAGE

5D

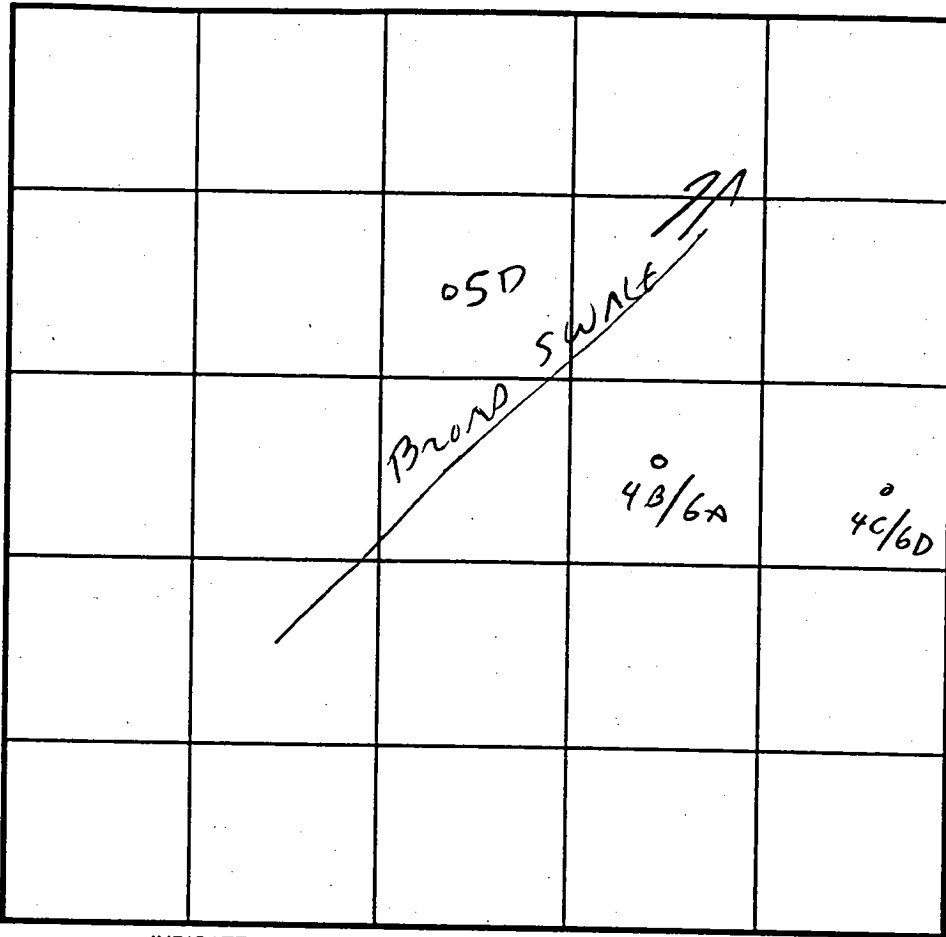
4'  
6'

TUBULAR,  
STRUCTURED  
CLAY

MICA  
LOAM

60%  
SAND

X



SOIL PROFILE  
SE (ON SC)

0'  
3'  
11'

CLAY

PATCHY  
YELLOW BROWN  
&  
ORANGE  
BROWN  
MICA  
LOAM

25%  
SAND

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4/14/98	4C/6D	4'	12:54	1:00	1:00	1:07	7MIN
	4B/6A	4'	1:11	TEST BORE COLLAPSED			OK
			OK 4:10'	ESTIMATE < 5MIN PERC			
	5D	4'	1:14	1:17	1:17	1:20	3MIN
		FAILS @ 6'	ROCK				X
		BUT GOOD SOIL STRUCTURE - POSSIBLE FOR EVALUATED TRENCHES					
		OR SAND MOUND EVALUATION IF NEEDED.					
	(ON SC) SE	3'	1:23	1:25	1:25	1:28	3MIN

REMARKS LOT 5 - STRUCTURE CLAY - HAS SAND MOUND POSSIBILITIES

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

TESTED BY Cwell ALSO PRESENT SHARP

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

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

# APPLICATION

## PERCOLATION TESTING

A \_\_\_\_\_

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
3525-H ELLICOTT MILLS DRIVE/ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 313-2840

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  
WOODRINE, 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/10 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

COUNTY #

SOIL PROFILE

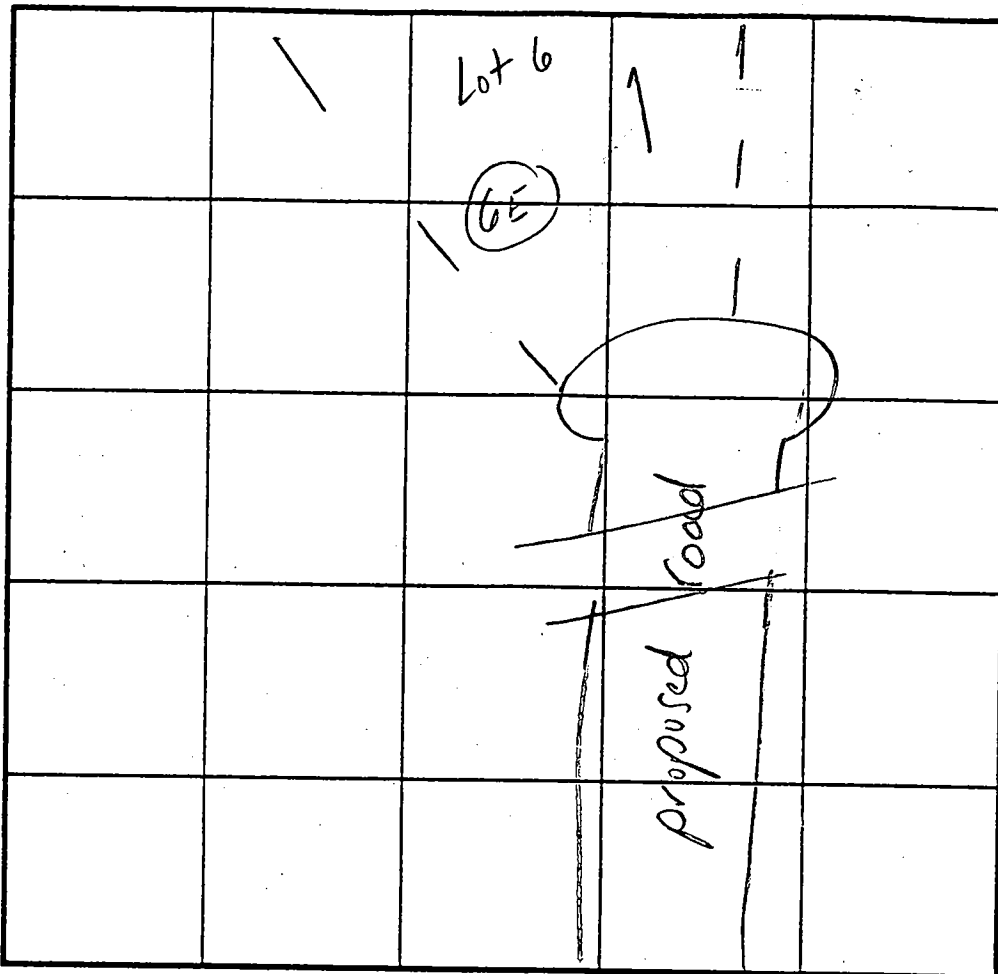
0'  
 Orange  
 brown  
 clay  
 loam

4.0'  
 brown  
 red  
 silty  
 mica  
 flecks  
 15%  
 shale

5F

4'  
 or/br  
 clay  
 loam

12'  
 pink  
 brown  
 silty  
 mica  
 frags  
 ↓



SOIL PROFILE

0'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Jennings Chapel

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5.21.98	6E	10.0' D	visual	only	-ok see	profile	
	5F	12.0' D	visual	only	-ok see	profile	

REMARKS test holes staked

TYPE OF SOIL

TESTED BY

Kim Maiste

ALSO PRESENT

Nick Sharp

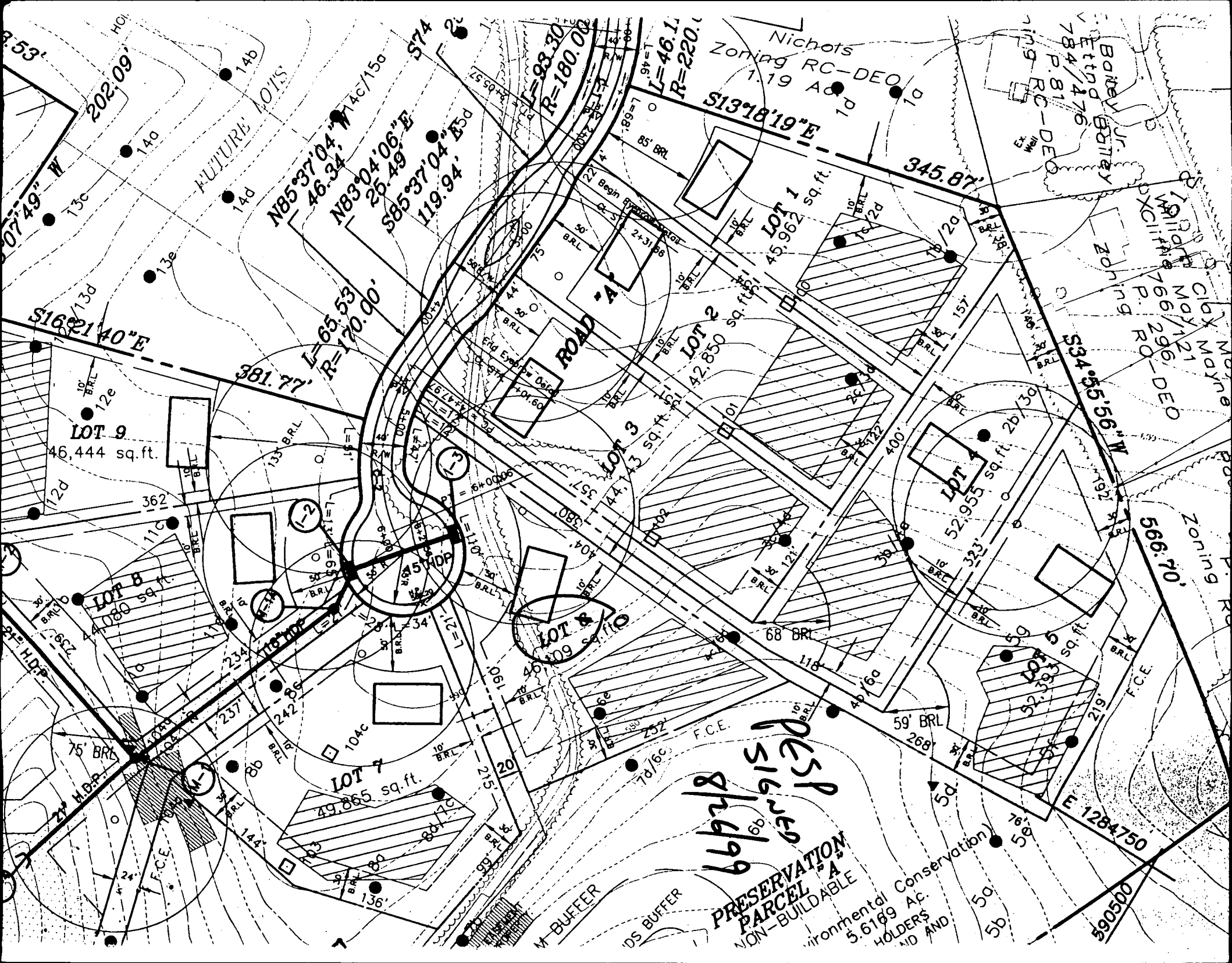
TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME

TRENCH WIDTH

INLET DEPTH

MAXIMUM BOTTOM DEPTH

SOIL TEST ROOM



Nichols  
Zoning RC-DEO  
1.19 Ac.

Baker  
Zoning RC-DEO  
P. 81  
784/476

Zoning  
P. 10  
766/296  
RC-DEO

Zoning  
P. 10  
566/70

**PRESERVED**  
**PARCEL A**  
NON-BUILDABLE  
5.6169 Ac.  
HOLDERS AND

8/16/99  
S16169

LOT 9  
46,444 sq. ft.

LOT 8  
1080 sq. ft.

LOT 7  
49,865 sq. ft.

LOT 6  
109 sq. ft.

LOT 2  
42,850 sq. ft.

LOT 1  
15,962 sq. ft.

LOT 4  
52,955 sq. ft.

LOT 5  
135 sq. ft.

FUTURE LOTS  
14a  
14b  
14c  
14d  
14e

ROAD "A"

M-BUFFER  
DS BUFFER

207.49' W  
202.09'

S162°140'E

381.77'

N85°37'04" W  
46.34'  
N83°04'06" E  
25.49'  
S85°37'04" E  
119.94'

L=93.30  
R=180.00

L=46.1  
R=220.1

S13°18'19"E

345.87'

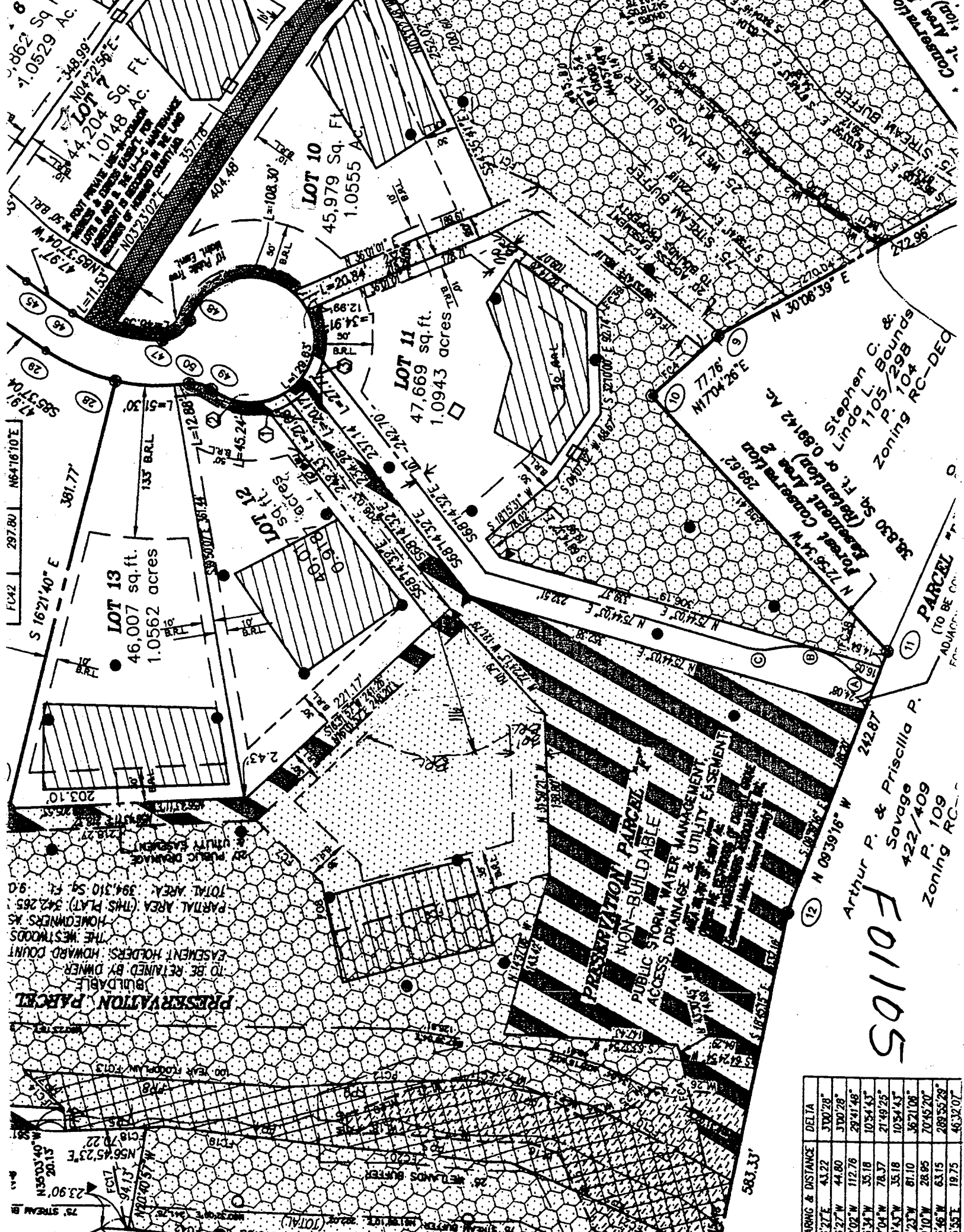
S34°55'56"W

566.70'

E 1284.750

005065





1.0529 AC.  
1.0148 AC.  
1.0555 AC.  
45,979 Sq. Ft.  
47,669 sq. ft.  
1.0943 acres  
48,017 sq. ft.  
1.0987 acres  
46,007 sq. ft.  
1.0562 acres

LOT 10  
LOT 11  
LOT 12  
LOT 13

**PRESERVATION PARCEL**  
NON-BUILDABLE  
PUBLIC STORM WATER MANAGEMENT  
ACCESS, DRAINAGE & UTILITY EASEMENT  
TO BE RETAINED BY OWNER  
EASEMENT HOLDERS: HOWARD COUNT  
THE WESTWOODS  
HOMEOWNERS AS  
PARTIAL AREA (THIS PLAT) 342,265  
TOTAL AREA: 394,310 Sq. Ft. 9.0  
20' PUBLIC DRAINAGE  
& UTILITY EASEMENT

Stephen C. & Linda L. Bounds  
1105/298  
P. 104  
Zoning RC-DEQ

Arthur P. & Priscilla P. Savage  
422/409  
P. 109  
Zoning RC

501105

BEARING & DISTANCE	DELTA
S 36°27'E 43.22	370.28
S 36°27'W 44.80	370.28
S 32°02'W 112.76	294.48
S 55°34'W 35.18	1054.43
S 77°04'W 78.37	2149.25
S 09°45'W 35.18	1054.43
S 72°57'W 81.10	3621.06
S 39°10'W 28.85	7045.20
S 55°46'W 63.15	28950.29
S 55°55'W 19.75	4634.07

NOTE:

1. THIS DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH CONTEMPLATED TRANSFER, FINANCING OR REFINANCING.
2. THE DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OR LOCATION OF FENCES, GARAGES, BUILDINGS OR OTHER EXISTING OR FUTURE IMPROVEMENTS.
3. THE DRAWING DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES. BUT SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING.
4. ALL BUILDINGS, STRUCTURES AND OTHER IMPROVEMENTS SHOWN HEREON ARE IN APPROXIMATE RELATION TO THE APPARENT BOUNDARY LINES.
5. DECLARATION IS MADE TO ORIGINAL PURCHASER OF THE DRAWING. IT IS NOT TRANSFERABLE TO ADDITIONAL INSTITUTIONS OR SUBSEQUENT OWNERS.
6. DRAWING IS VALID ONLY WITH BLUE-INK SEAL AND SIGNATURE OF SURVEYOR.

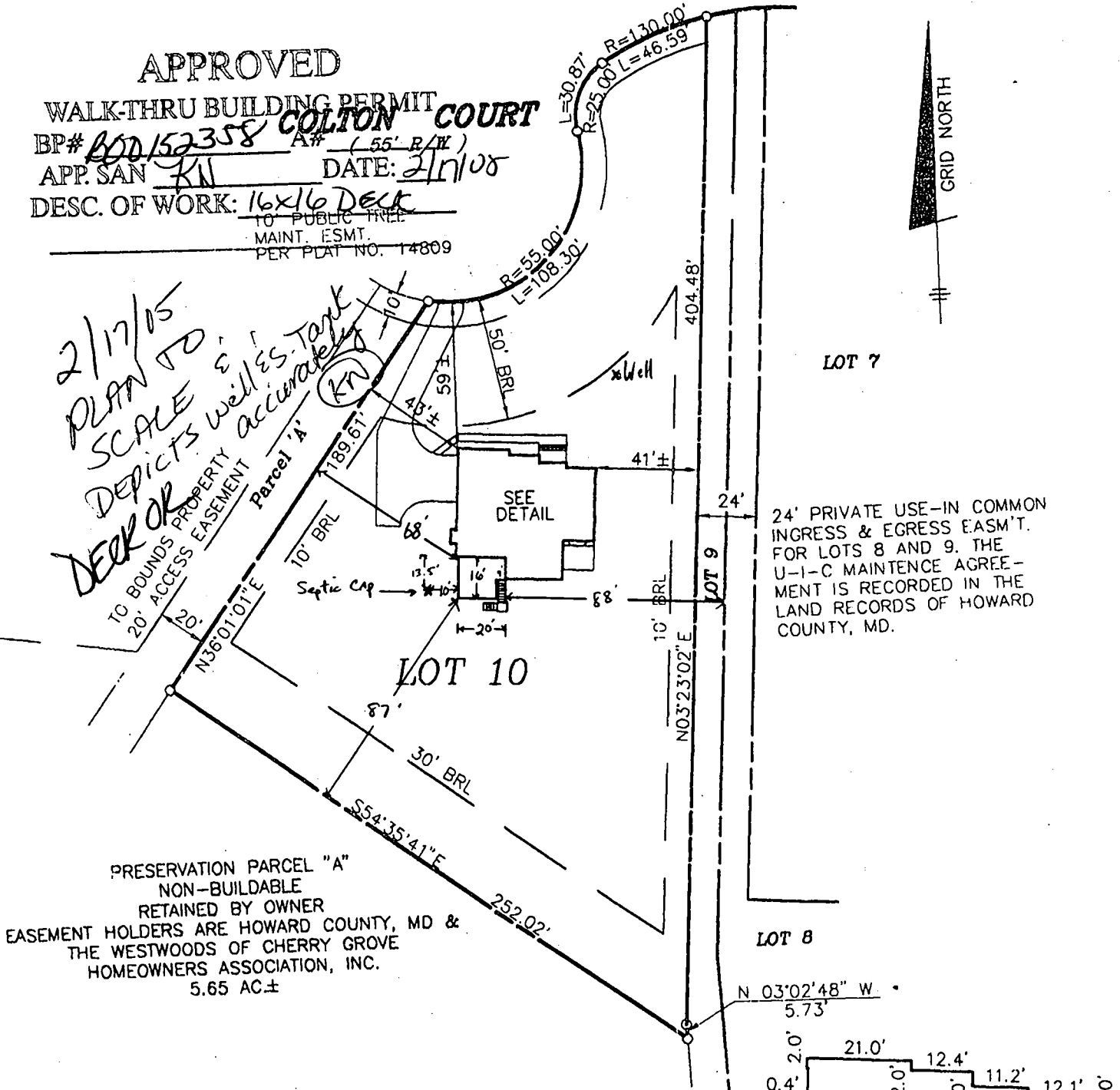
**APPROVED**

**WALK-THRU BUILDING PERMIT**  
**COLTON COURT**

BP# BD0152358 A# (.55' R/W)  
APP. SAN KN DATE: 2/1/08  
DESC. OF WORK: 16x16 DECK

TO PUBLIC TRAIL  
MAINT. ESMT.  
PER PLAT NO. 14809

*2/17/05  
PLAN TO  
SCALE  
DEPICTS well's Tank  
DECK OR  
TO BOUNDS PROPERTY  
20' ACCESS EASEMENT  
Parcel 'A'KN*



PRESERVATION PARCEL "A"  
NON-BUILDABLE  
RETAINED BY OWNER  
EASEMENT HOLDERS ARE HOWARD COUNTY, MD &  
THE WESTWOODS OF CHERRY GROVE  
HOMEOWNERS ASSOCIATION, INC.  
5.65 AC±

24' PRIVATE USE-IN COMMON  
INGRESS & EGRESS EASM'T.  
FOR LOTS 8 AND 9. THE  
U-I-C MAINTENCE AGREE-  
MENT IS RECORDED IN THE  
LAND RECORDS OF HOWARD  
COUNTY, MD.

**SURVEYOR'S CERTIFICATE**

I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF THE DWELLING(S) SHOWN ON THIS DRAWING LIES WITHIN THE LOT LINES SHOWN AS COMPILED FROM TITLE OR OTHER SOURCES. OTHER IMPROVEMENTS ARE FOR PICTORIAL PURPOSES ONLY. THIS DRAWING IS NOT A BOUNDARY SURVEY AND HAS BEEN PREPARED EXCLUSIVELY FOR TITLE PURPOSES ONLY. PREPARED WITHOUT THE BENEFIT OF A TITLE REPORT.

