

9/24/99
10 AM

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 512711

A 58028-D

DISTRICT _____

DATE 9-17-1999

DATE SYSTEM APPROVED 9/24/99

INSPECTOR BB

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

326810
INDEXED

SK Backhoe & Septic Service IS PERMITTED TO INSTALL ALTER _____

ADDRESS 1220 FKS Highway - Keymar, Maryland 21757 PHONE 301-898-0955

SUBDIVISION Benson Branch Overlook LOT 9 ROAD 13219 May Estate Circle

PROPERTY OWNER Hamilton Reed

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 180

TRENCHES - Trench to be 2 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 3 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 155 feet down the right lot line and 10 feet off that lot line. Run trenches along contour toward left side of property.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 7/5/99 OK AD

PLANS APPROVED BY C. Williams DATE 9-28-1999

COVER NO WORK UNTIL INSPECTED AND APPROVED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM

NOTE: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS. 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED) B00118664-SFB

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH

NOTE: ALL PIPE FROM HOUSE TO SEPTIC TANK MUST BE CAST IRON OR SCHEDULE 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

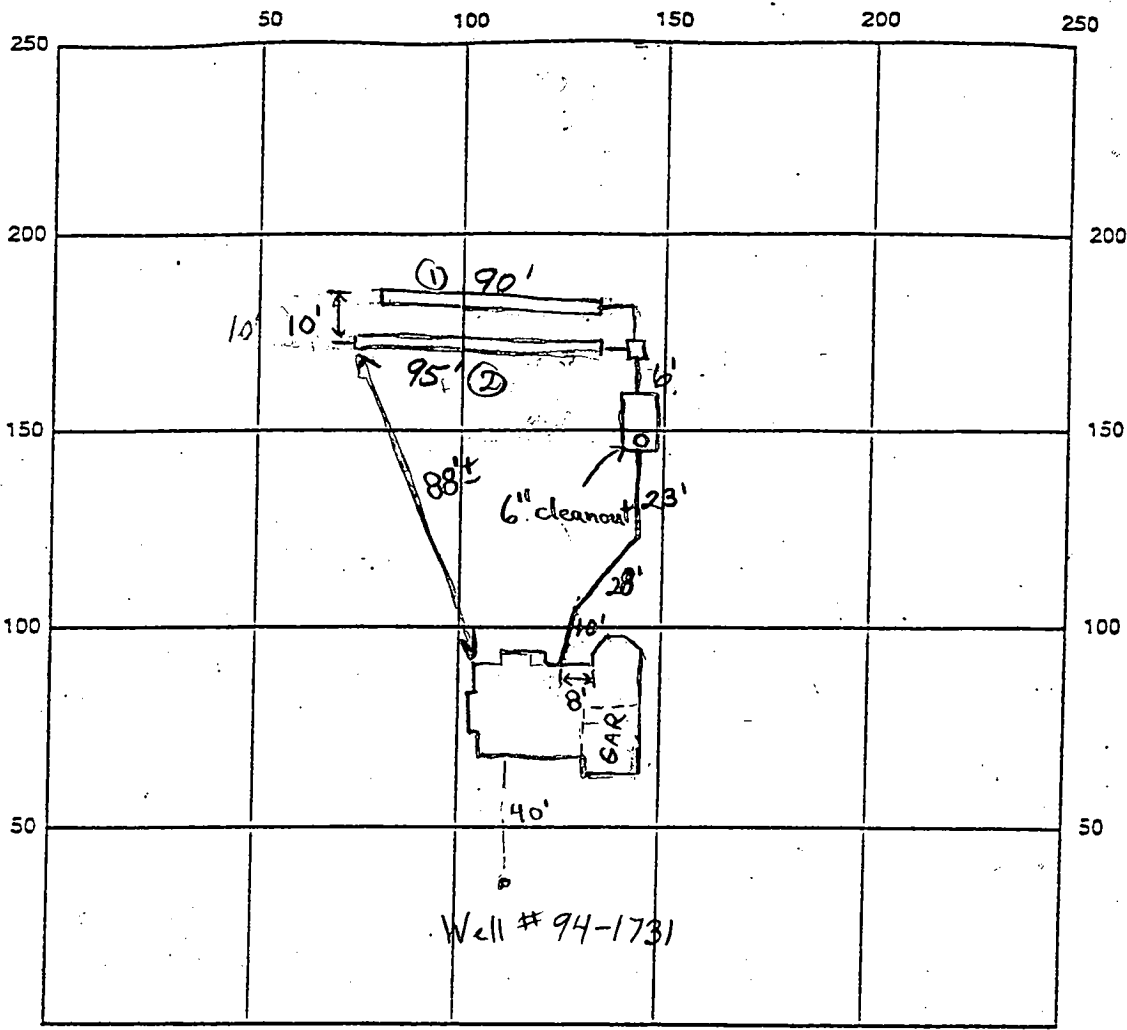
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.

1580280



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

May Estates Circle

SEPTIC TANK LEVEL 1-1250 gal. CLEANOUTS 1-6" tank

DISTRIBUTION BOX LEVEL O.K.

DRAIN FIELD/TITLE DEPTH 7 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH ①-90' ②-95' 185'

NUMBER OF TRENCHES 2 ONE SIDEWALL/BOTTOM AREA 740 SQ. FT.

DRYWALL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.

ABSORBENT AREA — SQ. FT.

REMARKS: 9/24/99 System O.K. Okay to cover everything. BB

DATE SYSTEM APPROVED 9/24/99 INSPECTOR B. Baker

3/11/97
three 4/10/97

APPLICATION

PERCOLATION TESTING

A 58028

P _____

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

3/12/97
Preview OK
ALM

DISTRICT _____

DATE 3/17/97

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 ~~John Stutz~~ C/O ~~John~~ Hamilton REED

ADDRESS 1005 Hickory Ridge Dr Suite 215 Col. MD 21044
PHONE 740-2100-3

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION Benson Ranch Overlook LOT NO. 6

ROAD AND DESCRIPTION Tridelphia (13219 May Estates Court)

TAX MAP 22 PARCEL # 10

SEWER PERMIT GRANTED
6-28-97
Serial # B10 118664

SIZE OF LOT 1 acre TYPE BLDG. Single - 4 Bed
(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

6

COUNTY #

SOIL PROFILE

2604

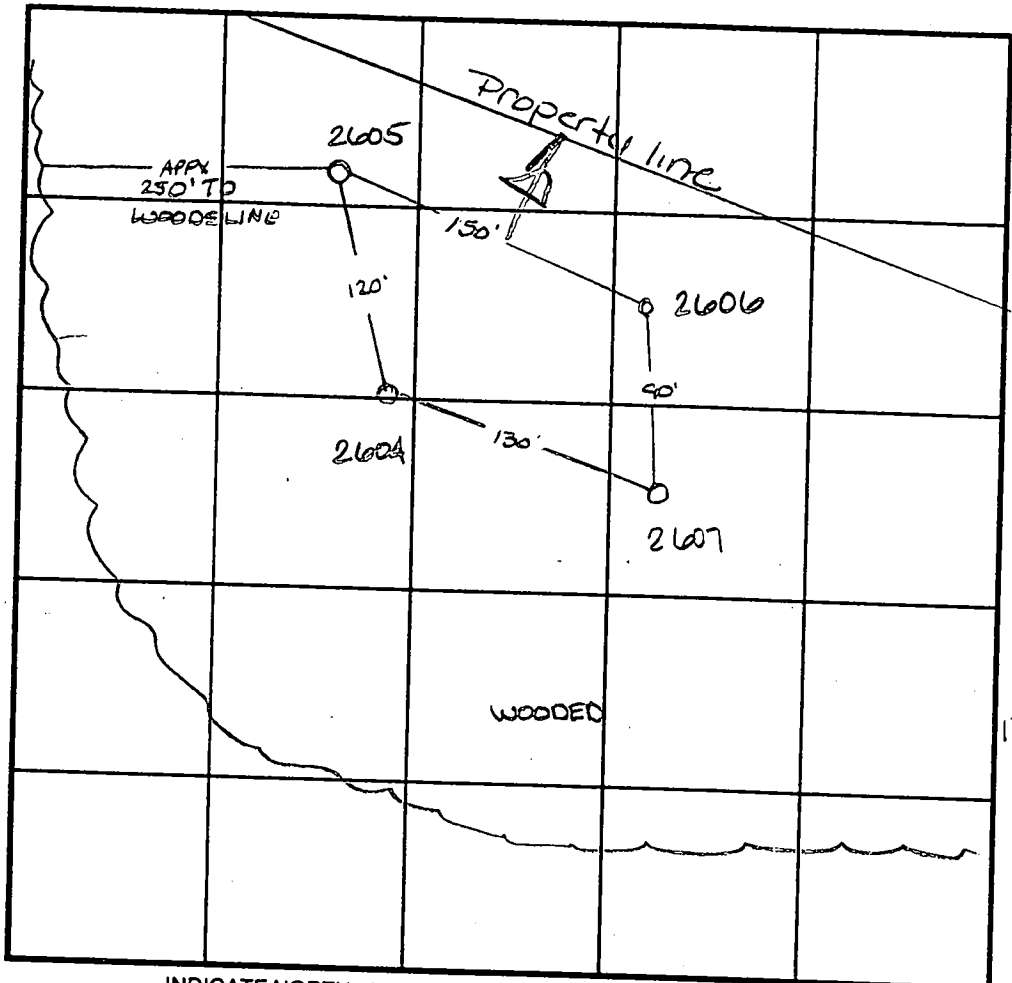
0'
orange brown
SiClM
3.0
dark pink
micaceous
SiSaLM
12.0

2605

0'
orange brown
SiClM
3.0
lgt orange
beigh
SiSaLM
10%
Rx
micaceous
pockets
of
quartzite
12.0

2606

0'
dark orange
brown
SiClM
3.0
20%
Lg
rx frags
1' diameter
micaceous
12.0



SOIL PROFILE

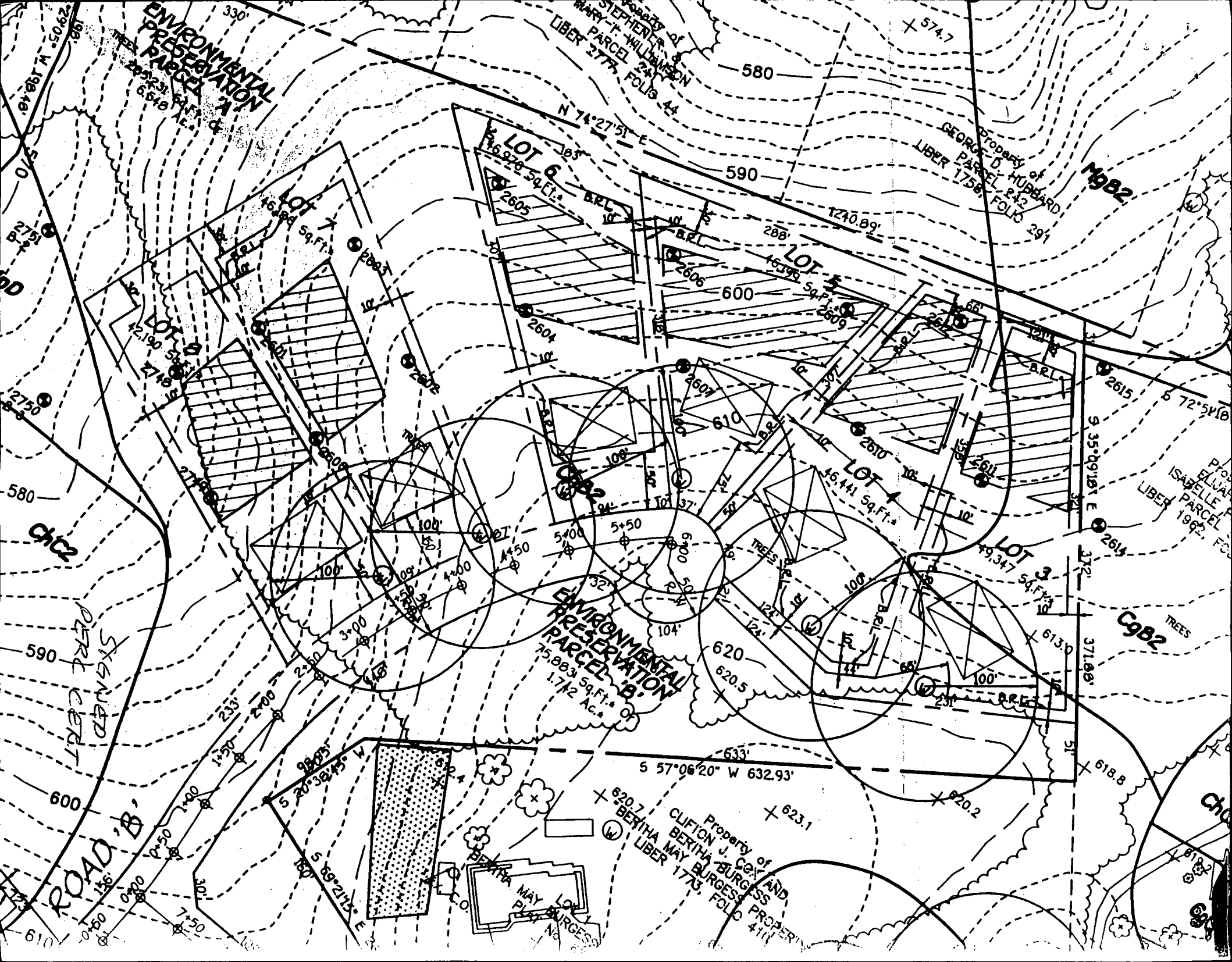
2607

0'
bright orange
SiClM
3.0
dark orange
SiSaLM
micaceous
9.0
pink
SiSaLM
micaceous
5%
Rx
12.0

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.
TRIADELPHIA RD

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
4-14-97	2604	4.0 V12.0	2:10 ³⁰	2:11	2:11	2:12	1min
	2605	4.0 V12.0	3:15 ³⁰	3:19 ³⁰	3:19 ³⁰	3:37	27/2min
	2606	4.0 V10.0	3:37 ³⁰	3:38 ⁴⁵	3:38 ⁴⁵	3:41	2 1/4min
	2607	4.0 V12.0	2:18	2:19	2:19	2:21	2min
		8.0 V12.0	2:15	2:16	2:16	2:18 ¹⁵	2 1/4min

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



ENVIRONMENTAL PRESERVATION PARCEL A

ENVIRONMENTAL PRESERVATION PARCEL B
75,883 Sq. Ft.
1.712 Acs

ROAD 'B'

Property of
**CLIFTON J. COY AND
BERITHA MAY BURGESS**
LIBER 173, FOLIO 411

Property of
GEORGE D. HUBBARD
LIBER 175B, FOLIO 291

Property of
ISABELLE
LIBER 199, FOLIO 20

Property of
**CLIFTON J. COY AND
BERITHA MAY BURGESS**
LIBER 173, FOLIO 411

C9B2

M9B2

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P-98-06

Property of
STEPHEN R. 570
MARY J. WILLIAMSON
PARCEL 241
LIBER 2772, FOLIO 44

Property of
GEORGE D. HUBBARD
PARCEL 242
LIBER T-758, FOLIO 241

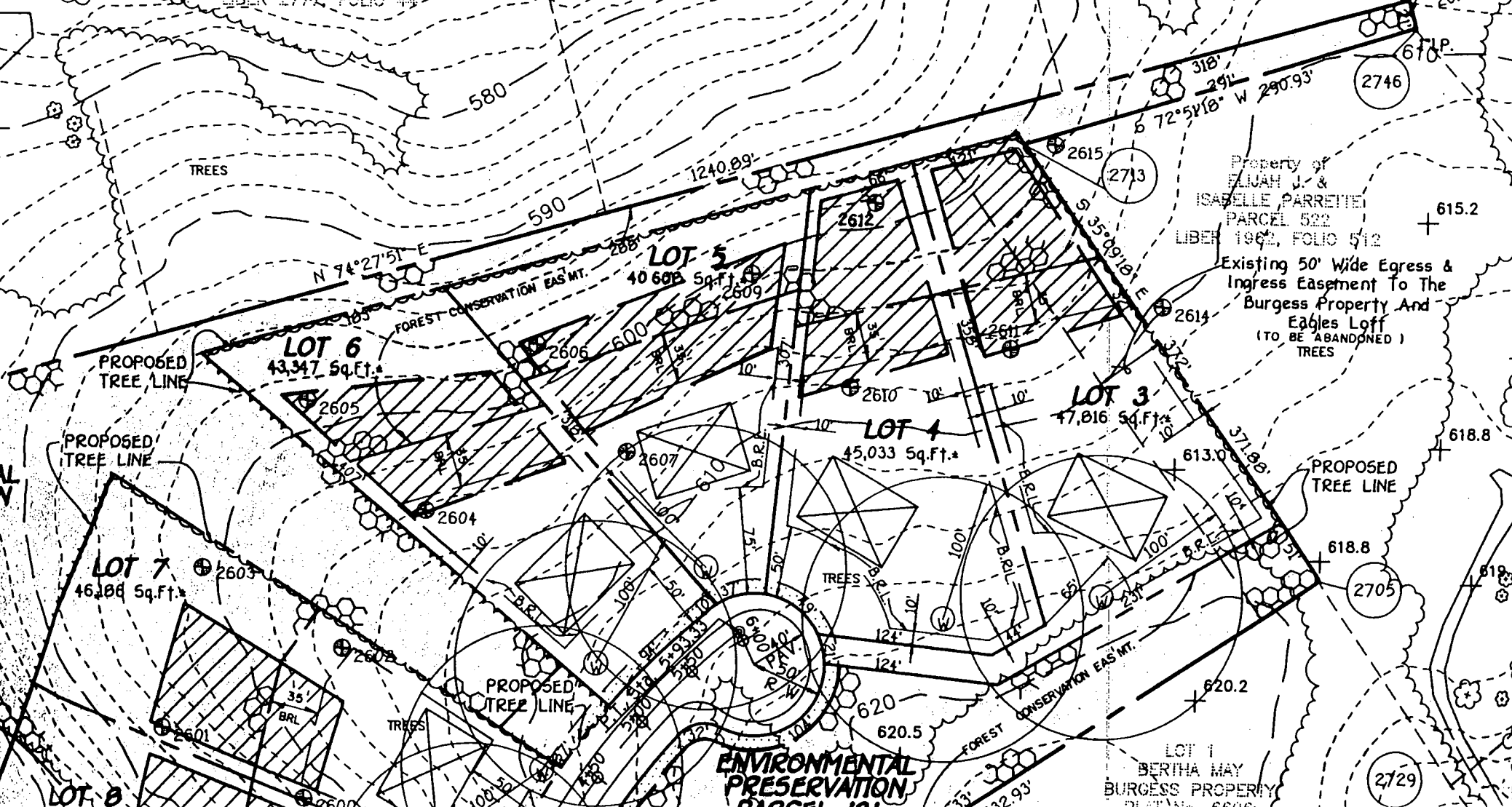
Property of
RUDOLPH J. & LOUISE M. NOHDURF, JR
PARCEL 243
LIBER 284, FOLIO 358
Ex. C.O.

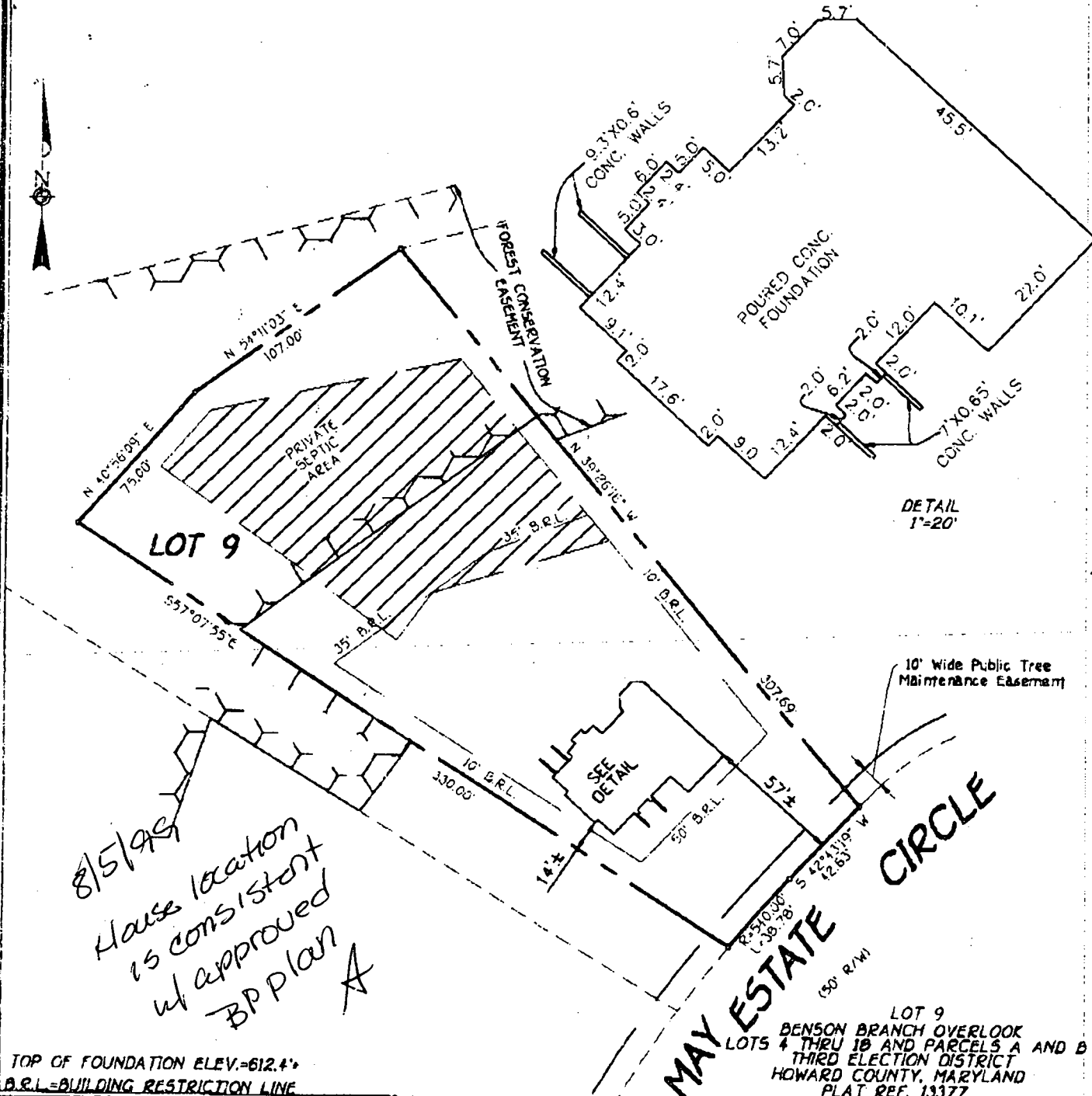
Property of
ELIJAH J. &
ISABELLE PARRETT
PARCEL 522
LIBER 1962, FOLIO 512

Existing 50' Wide Egress &
Ingress Easement To The
Burgess Property And
Eagles Loft
(TO BE ABANDONED)
TREES

LOT 1
BERTHA MAY
BURGESS PROPERTY
PARCEL 244

ENVIRONMENTAL
PRESERVATION
PARCEL 241





FISHER, COLLINS & CARTER, INC.
 CIVIL ENGINEERING CONSULTANTS & LAND SURVEYORS
 CENTENNIAL SQUARE OFFICE PARK - 10272 BALTIMORE NATIONAL PIKE
 ELLICOTT CITY, MARYLAND 21042
 (410) 481-2055

FCC •

STATE OF MARYLAND
 CHARLES J. CROVO, SR.
 PROFESSIONAL LAND SURVEYOR
 REG. # 10763

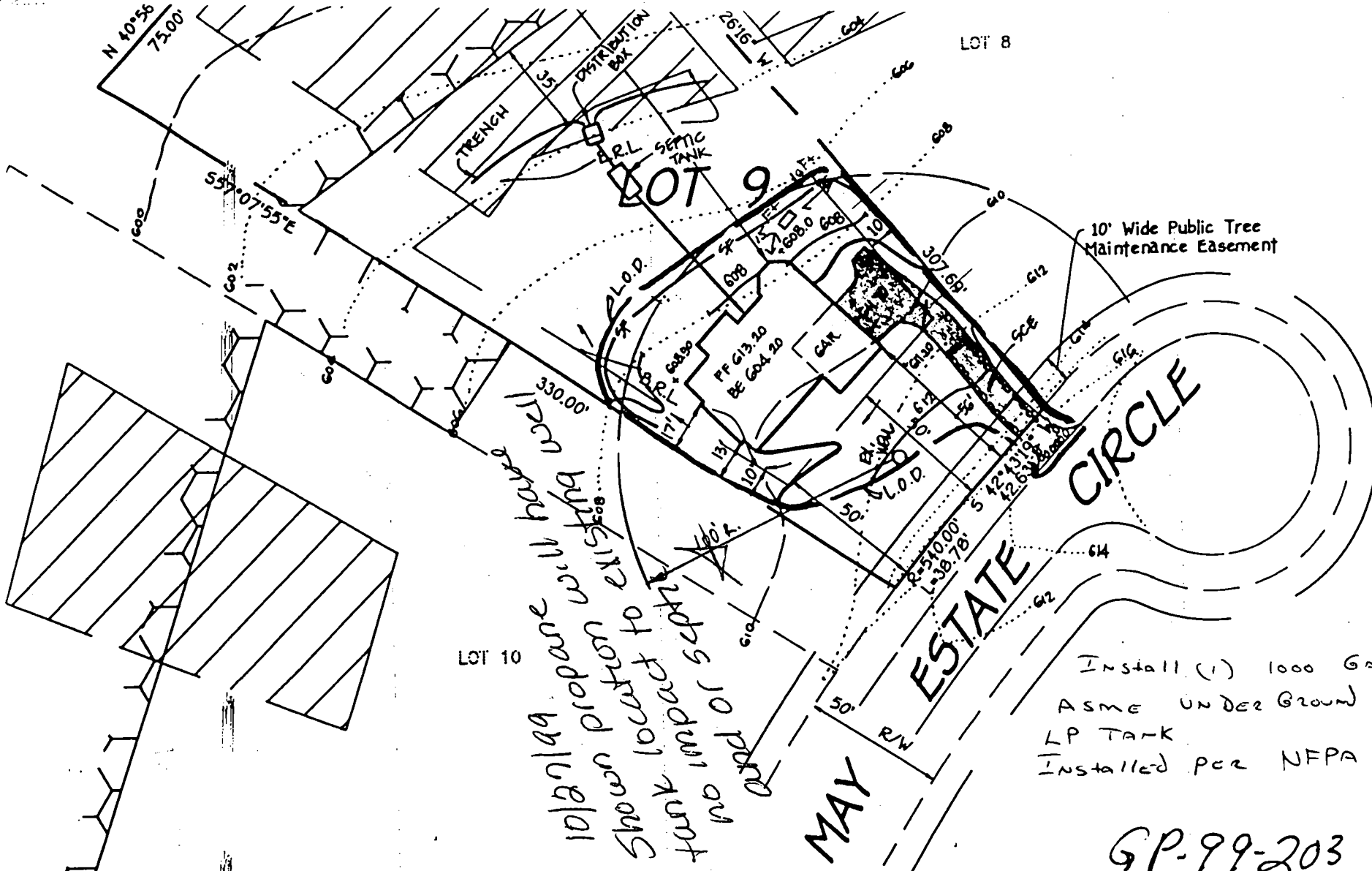
Charles J. Crovo, Sr.
 PROFESSIONAL LAND SURVEYOR
 REG. # 10763

7/16/99
 DATE

HOUSE LOCATION DRAWING

FOUNDATION LOCATION: 7/16/99
 FINAL LOCATION: _____
 BOUNDARY SURVEY: _____

SCALE: 1"=60'
 DATE: 7/19/99
 DRAWN BY: T.B.F.
 CHECKED BY: M.L.R.
 PROJECT No. 30600



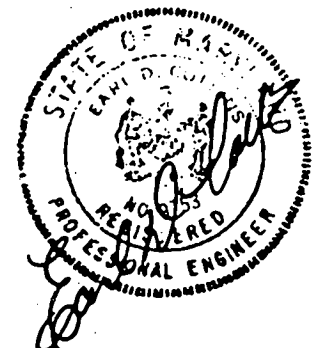
10/27/99 prepare with Howard County building department showing location of proposed septic tank impact 5' no impact 10' and 15' from property line

10' Wide Public Tree Maintenance Easement

Install (1) 1000 Gallon ASME Under Ground LP TANK Installed per NFPA 58

GP-99-203

PLAN TO ACCOMPANY APPLICATION FOR BUILDING PERMIT
 BENSON BRANCH OVERLOOK
 LOT 9



Conway

TAX MAP 22
 THIRD ELECTION DISTRICT
 SCALE: 1" = 50'

PARCEL 10
 HOWARD COUNTY, MARYLAND
 DATE: MAY 24, 1999

C1 04034 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 PRINT OR TYPE

COUNTY NUMBER A58028D

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED 01 22 99

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-1731

OWNER Hamilton Reed STREET OR RFD Blue Grass Ct TOWN Glendg SUBDIVISION Benson Branch Overlook SECTION LOT 9

WELL LOG table with columns: DESCRIPTION, FEET (FROM, TO), check if water bearing. Includes entries for Top Soil, Sandy, Sand Stone, Micla, Sand Stone, Micla.

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

CASING RECORD form with fields for casing type (PL), nominal diameter (6), and total depth (67).

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

SCREEN RECORD form with fields for screen type (HO) and diameter of screen (56).

PUMPING TEST form with fields for hours pumped (3), pumping rate (4), and water level.

PUMP INSTALLED form with fields for pump type (S), capacity, and pump horse power.

NUMBER OF UNSUCCESSFUL WELLS: 0

WELL HYDROFRACTURED: Y

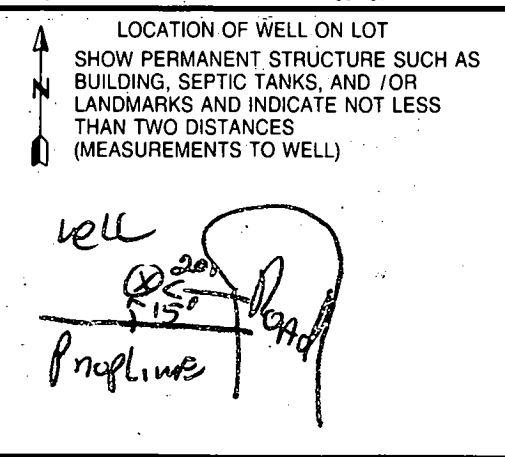
CIRCLE APPROPRIATE LETTER A, E, P

DRILLERS LIC. NO. MSD116 and signature of Thomas M. Meyer

DEPTH (nearest ft.) 65, 305

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL

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



SITE SUPERVISOR responsible for sitework if different from permittee

B 1 4772

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-94-1731 fill in this form completely

Date Received (APA)

0821 98

OWNER INFORMATION

Hamelton Reed, 10805 Hickory Ridge, Columbia MD 21044

B 3 LOCATION OF WELL

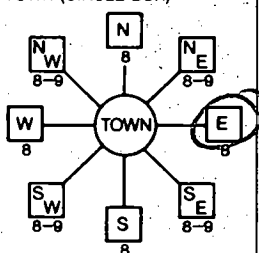
Howard, Benson Branch Overlook, GLENELG

DRILLER INFORMATION

Ralph MAYNE, MS D 116, Ralph MAYNE Well Drilling, 9120 Brown Church Rd Mt Airy, Md

MILES FROM TOWN (enter 0 if in town) 1

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Blue Grass Ct, NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) 20' DISTANCE FROM ROAD

B 2 WELL INFORMATION

APPROX. PUMPING RATE 5 GAL. PER MIN., AVERAGE DAILY QUANTITY NEEDED 500 GAL. PER DAY

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION (circled), FARMING, INDUSTRIAL, PUBLIC WATER SUPPLY WELL, TEST, OBSERVATION, MONITORING, GEO-THERMAL

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard CO, AS80281, STATE SIGNATURE, DATE ISSUED 09-14-98, NORTH GRID 523 000, EAST GRID 808 000

APPROXIMATE DEPTH OF WELL 150 FEET, APPROXIMATE DIAMETER OF WELL 64 INCH

METHOD OF DRILLING (circle one)

- BORED (or Augered), AIR-ROTary (circled), JETTED, AIR-PERCussion, ROTARY (Hydraulic Rotary), Drive-POINT

REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX)

- THIS WELL WILL NOT REPLACE AN EXISTING WELL (circled), 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 DEEPEIN AN EXISTING WELL

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

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

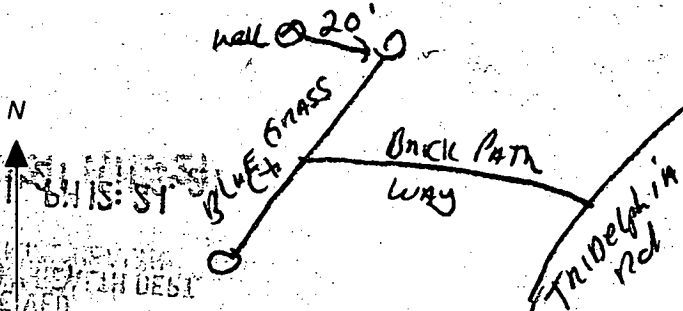
APPROX. PERMIT NUMBER, PERMIT No. HO-94-1731

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X, SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

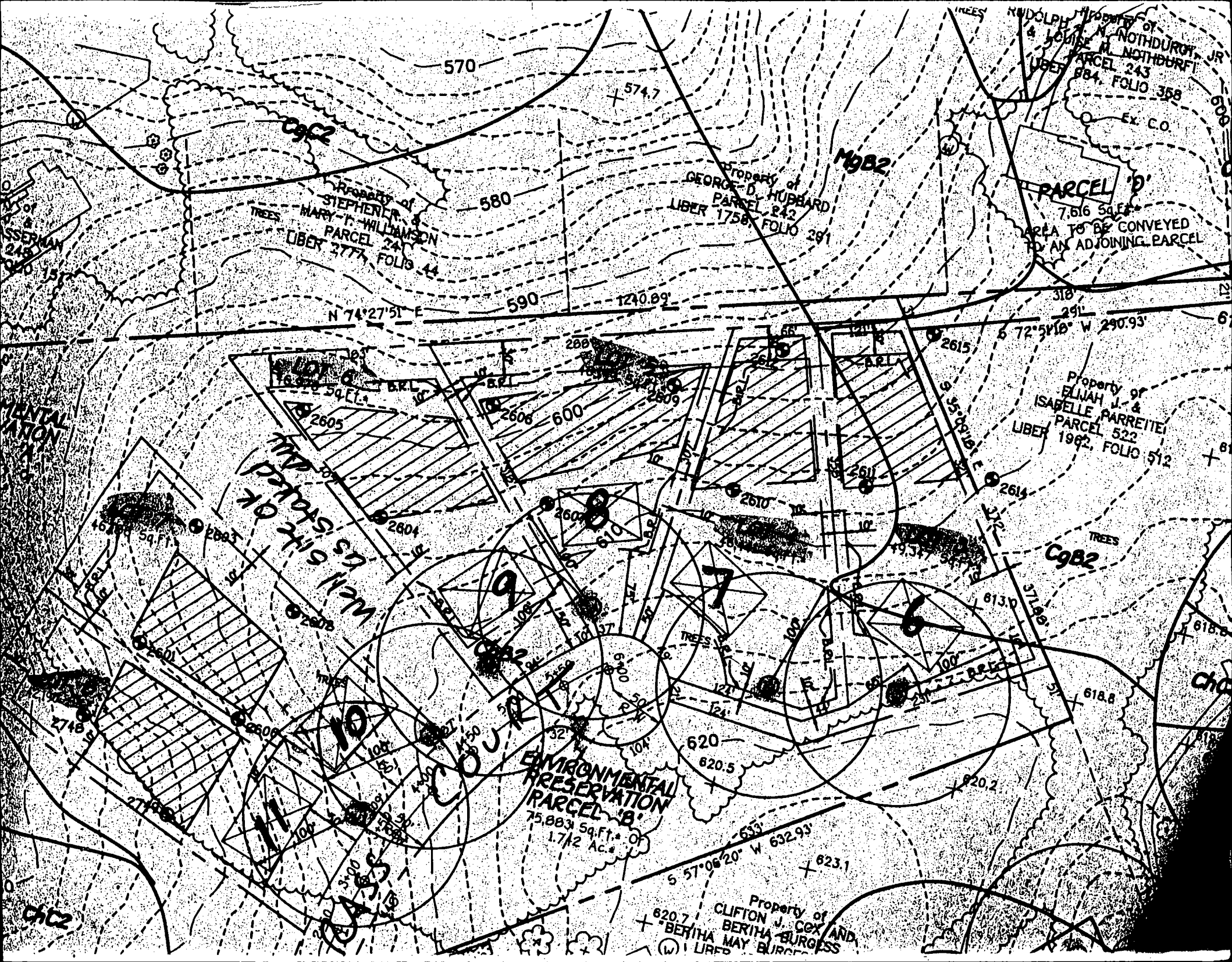
E 808, N 5203

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



SPECIAL CONDITIONS

NOTE - APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED



PROPERTY OF
RUDOLPH M. NOTHDURF, JR.
& LOUISE M. NOTHDURF
PARCEL 243
LIBER 884, FOLIO 358
Ex. Co.

PROPERTY OF
STEPHEN R. &
MARY T. WILLIAMSON
PARCEL 241
LIBER 2777, FOLIO 44

PROPERTY OF
GEORGE D. HUBBARD
PARCEL 242
LIBER 1756, FOLIO 291

PARCEL 'D'
7,616 Sq. Ft.
AREA TO BE CONVEYED
TO AN ADJOINING PARCEL

PROPERTY OF
ELIJAH J. &
ISABELLE PARRETTE
PARCEL 522
LIBER 1962, FOLIO 512

ENVIRONMENTAL
PRESERVATION
PARCEL 'B'
75,883 Sq. Ft. or
1.712 Ac.

PROPERTY OF
CLIFTON J. COX AND
BERTHA MAY BURGESS
LIBER 620.7

WATER RIGHTS
STATE OF OHIO

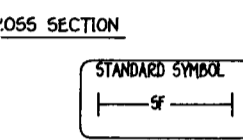
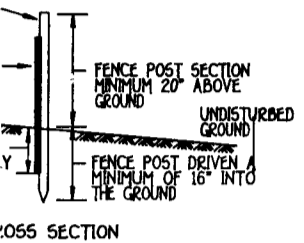
ENVIRONMENTAL
PRESERVATION

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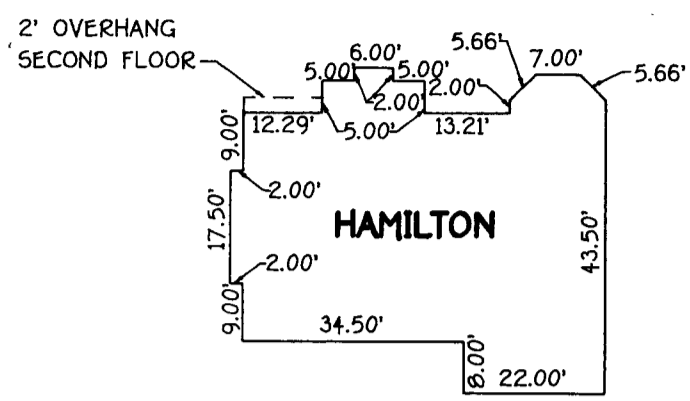
Applying the full amounts of lime amendments may be applied as specified below:
 conditioner for sites having disturbed amendments and for sites having disturbed ng requirements:
 originate from, a person or persons that are compost) by the Maryland Department of the
 percent Nitrogen, 1.5 percent Phosphorus, and 0.2
 0.0. If compost does not meet these requirements,
 to meet the requirements prior to use.
 e of 1 ton/1,000 Sq. Ft.
 isium Fertilizer applied at the rate of 4 lb./1,000

MINIMUM LENGTH FENCE POST,
 A MINIMUM OF 16" INTO
 16" MINIMUM HEIGHT OF
 GEOTEXTILE CLASS F
 8" MINIMUM DEPTH IN
 GROUND

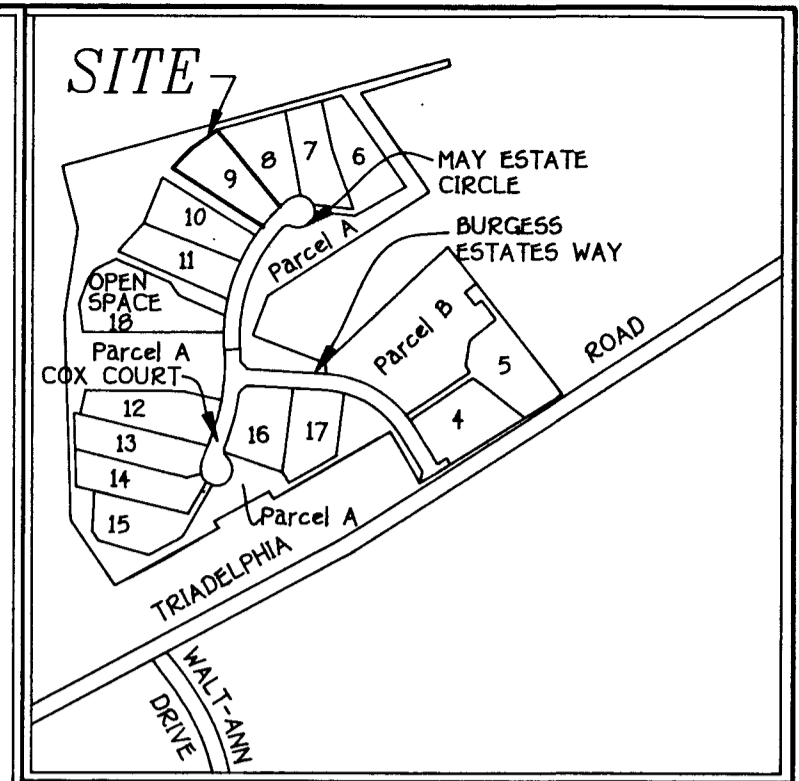


in 16" minimum into the
 (minimum) cut, or 13/4" diameter
 wood. Steel posts will be
 00 pond per linear foot.
 fence post with wire ties
 the following requirements
 Test: MSMT 509
 Test: MSMT 509
 (max) Test: MSMT 322
 Test: MSMT 322
 they shall be overlapped.
 event and maintained when
 ! 50% of the fabric height.

LOT 3
 BENSON BRANCH
 OVERLOOK
 PLAT Nos.
 13067 THRU 13069



DETAIL
 SCALE: 1" = 30"



VICINITY MAP
 SCALE: 1" = 600'

GENERAL NOTES

1. SEPTIC EASEMENT SUBJECT TO HOWARD COUNTY HEALTH DEPARTMENT No.
2. PROPOSED 1500 GALLON SEPTIC TANK.
3. A. FIRST FLOOR ELEVATION: 613.20
 B. BASEMENT ELEVATION: 604.20
 C. INVERT OF SEPTIC SYSTEM AT HOUSE: 602.92
 D. INVERT IN AT SEPTIC TANK: 601.80
 E. INVERT OUT AT SEPTIC TANK: 601.60
 F. PROPOSED GRADE OVER SEPTIC TANK: 605.00
 G. INVERT AT DISTRIBUTION BOX: 601.00
 H. EXISTING GROUND OVER DISTRIBUTION BOX: 604.00
4. LENGTH OF TRENCH TO BE DETERMINED AT TIME OF SEPTIC PERMIT ISSUANCE.
5. CONTRACTOR / BUILDER TO VERIFY ELEVATIONS IN FIELD BEFORE BEGINNING ANY CONSTRUCTION.

*** NOTE HEALTH DEPT
 RECOMMENDATION FOR
 ADJUSTED LOCATION FOR
 SEPTIC TANK &
 DISTRIBUTION BOX!**

**Total linear feet of trench
 required 180 feet**

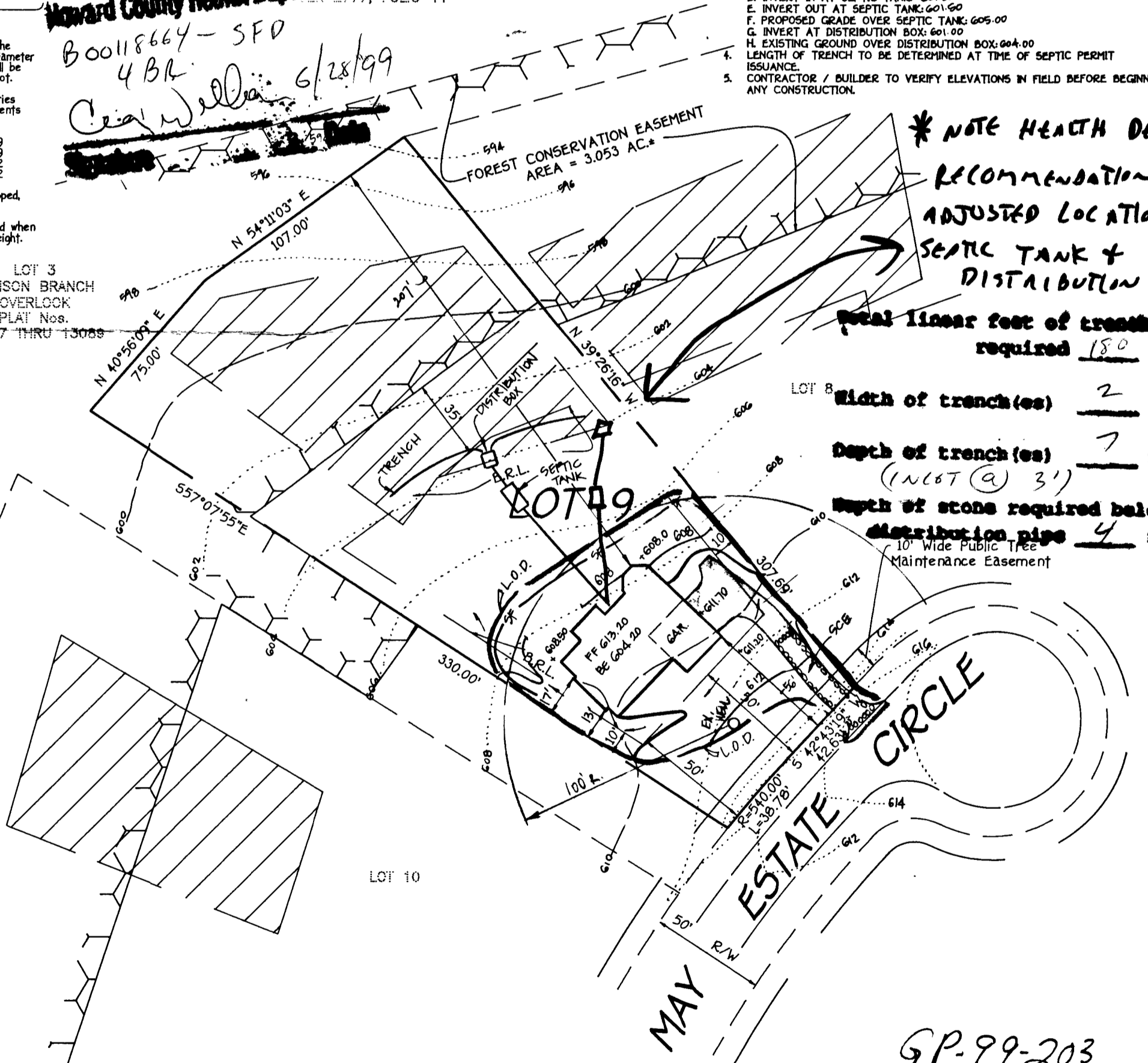
Width of trench(es) 2 feet

**Depth of trench(es) 7 feet
 (IN LOT 9) 3'**

**Depth of stone required below
 distribution pipe 4 feet**
 10' Wide Public Tree
 Maintenance Easement

Approved Septic System Plan
 Howard County Health Department
 PROPERTY OF
 MARY T. WILLIAMSON
 1777, FOLIO 44

Handwritten notes:
 B00118664 - SFD
 4 BR
 Craig Weller 6/28/99



GP-99-203
**PLAN TO ACCOMPANY APPLICATION
 FOR BUILDING PERMIT
 BENSON BRANCH OVERLOOK
 LOT 9**

TAX MAP 22
 THIRD ELECTION DISTRICT
 SCALE: 1" = 50'

PARCEL 10
 HOWARD COUNTY, MARYLAND
 DATE: MAY 24, 1999