

4/29/99
C.O. PM

PERMIT

04-358163

P 511545

SEWAGE DISPOSAL SYSTEM

A 41151

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT _____

HOWARD COUNTY HEALTH DEPARTMENT

DATE 4/28/99

BUREAU OF ENVIRONMENTAL HEALTH
~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 4/29/99

INSPECTOR S.R.K.

INDEXED

Olen Ketterman IS PERMITTED TO INSTALL X ALTER _____

ADDRESS 14960 Route 144, Woodbine, Maryland 21797 PHONE 410-442-1336

SUBDIVISION Wellington Estates LOT Pres. Parcel "B" ROAD 2922 Hunt Valley Drive

PROPERTY OWNER Selfridge Builders 365-2279

ADDRESS George MacNabb

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Begin trenches 125 feet off the rear building restriction line and 130 feet off the left building restriction line as seen when facing the lot from Hunt Valley Drive. Run trenches on contour in both directions.

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

OK KM 2-2-99

PLANS APPROVED BY Amy McMillen DATE 2-01-1999

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)

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 SAFFLES

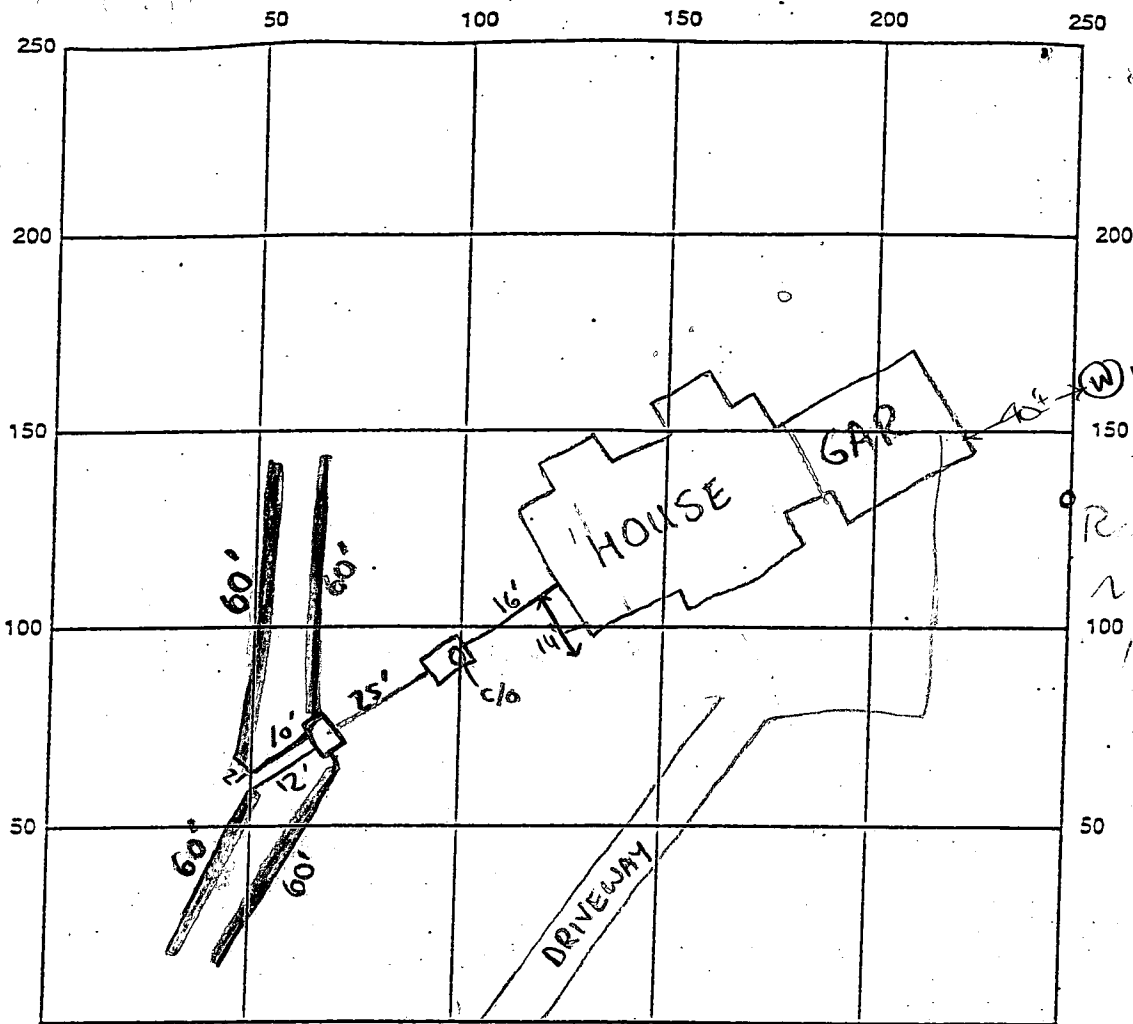
***INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT**

***CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEM.**

HD-250(6-90)

PERMIT SIGNED
AND RETURNED 8-19-99
Serial # B10121034
decker

41151



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE
 HUNT VALLEY DRIVE

SEPTIC TANK LEVEL 1250 gallon midseam CLEANOUTS 1 - Manhole @ tank @ grade

DISTRIBUTION BOX LEVEL BAFFLE IN

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH 60 60 60 60 FT. (240 total)

NUMBER OF TRENCHES 4 ONE-SIDEWALL/BOTTOM AREA 720 SQ. FT.

DRYWALL INSIDE DIAMETER N/A FT. EFFECTIVE DEPTH BELOW INLET N/A FT.

ABSORBENT AREA N/A SQ. FT.

REMARKS: OK TO COVER S.R.M. 4/29/99

DATE SYSTEM APPROVED 4/29/99

INSPECTOR Steven R. Krieg

APPLICATION

58

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 41151
P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE 992-2330

DISTRICT 472

DATE ~~December 18, 1987~~
FEB 26 1988

FRILE

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I HEREBY APPLY FOR THE NECESSARY TEST IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER C. Oliver Goldsmith, et ux *Selfridge Builders*

ADDRESS Route 27, Longwood Farm, Glenwood, MD 21737 PHONE 301-442-2121

PROPERTY LOCATION: WELLINGTON
SUBDIVISION Longwood Farm

LOT NO. 58 *56-1 ACRE ZONING*
56-3 ACRE ZONING

ROAD AND DESCRIPTION Southwest Quadrant of intersection of Roxbury Mills Rd. (Rt. 97) and

Union Chapel Road (2922 Hunt Valley Drive) **BLDG. PERMIT SIGN'D**
AND RETURNED 2-1-88
Serial # B7015037

SIZE OF LOT 3+ Acres TYPE BLDG. SFD Residential, 4 Bdr

(NUMBER OF BEDROOMS) *

* Undetermined at this time

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 MOSHA REQUIREMENTS IN TESTING THIS LOT.

SEWERAGE DEVELOPMENT CORP
By: [Signature]

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10-6-88 PERC UNSATISFACTORY - ALL ROCK, LOT BASICALLY A RIDGE

OR SWAN S. M.

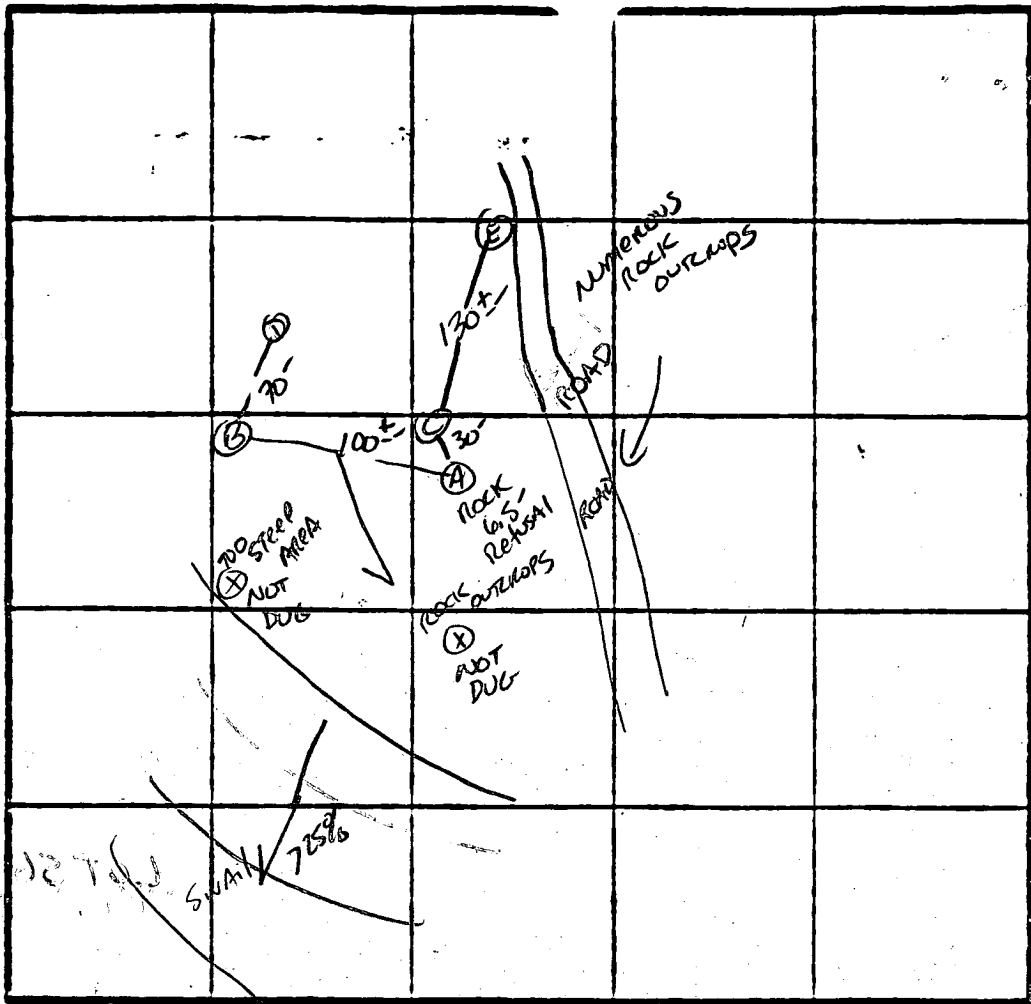
THIS IS NOT A PERMIT

41151
 LOT 56
 2ND PROPOSAL

SOIL PROFILE

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	
1/9/88	A	Refusal AT 6.5'					
	B	Refusal AT 2.5'					
	C	Refusal AT 9.0' OR BELOW 4.0'					
	D	Refusal AT 2.0'					
	E	CLAY TO 6.5' - Strong Brown TO RED BROWN clay TO 8'					

REMARKS Holes A+B PER STAKE OTHERS NOT.

TYPE OF SOIL _____

TESTED BY S. Apel ALSO PRESENT _____

EH-12-1079

APPLICATION

PERCOLATION TESTING

A _____

P _____

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

DISTRICT _____

DATE 12-30-94

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 SECURITY DEVELOPMENT CORP.

ADDRESS P.O. Box 417 ELLICOTT CITY, MD. 21041 PHONE (410) 465-4244

AGENT OR PROSPECTIVE BUYER SECURITY DEVELOPMENT CORP.

ADDRESS P.O. Box 417 ELLICOTT CITY MD. 21041 PHONE (410) 465-4244

PROPERTY LOCATION:

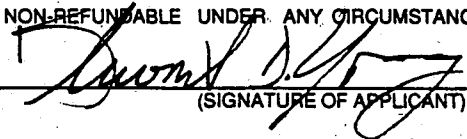
DIVISION WELLINGTON 2 LOT NO. 56

ROAD AND DESCRIPTION HUNT VALLEY DRIVE

TAX MAP 14 & 21 PARCEL # 73 & 74

SIZE OF LOT 1.5 AC. ± 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

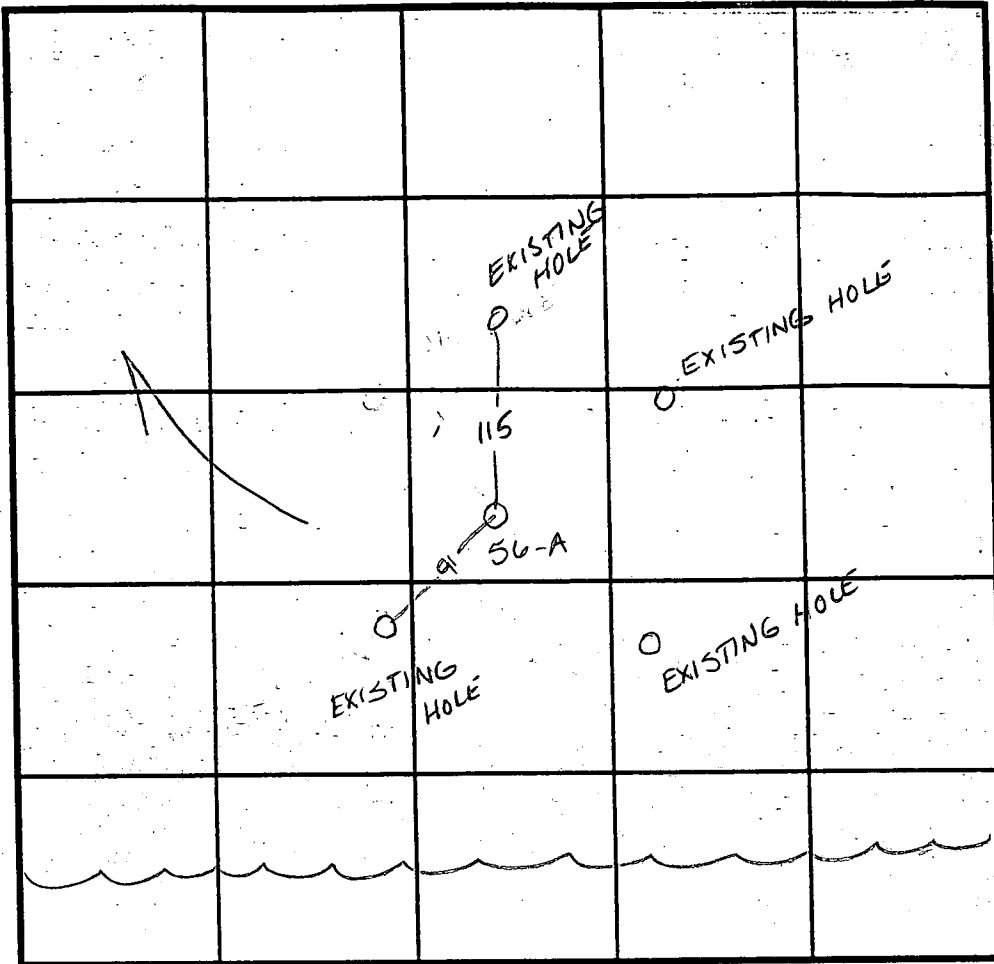
56-A

0'
1'
5'
11'

lgt brn CL
red CL
red soil mica

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	
1-18-95	56-A	5 / 11'	6:03	6:05 ⁴⁵	6:05 ⁴⁵	6:09 ³⁰	3 3/4 min

REMARKS

TYPE OF SOIL

TESTED BY Amy McMillen ALSO PRESENT Clark Sperry

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 3 min TRENCH WIDTH

INLET DEPTH MAXIMUM BOTTOM DEPTH SQ. FT./BEDROOM

copy of approved
SP-96-03

LIMIT OF SUBMIS

PRESERVATION PARCEL "B"
(SINGLE FAMILY RESIDENCE &
ENVIRONMENTAL PRESERVATION EASEMENT)

441,547 S.F.
OR 10.137 AC.

PRESERVATION PARCEL "E"
FOR THE PURPOSE OF SWMF

15,157 S.F.
OR 0.348 AC.

LOT 69
68,923 S.F.
OR 1.582 AC.

LOT 72
59,618 S.F.
OR 1.369 AC.

LOT 70
59,959 S.F.
OR 1.376 AC.

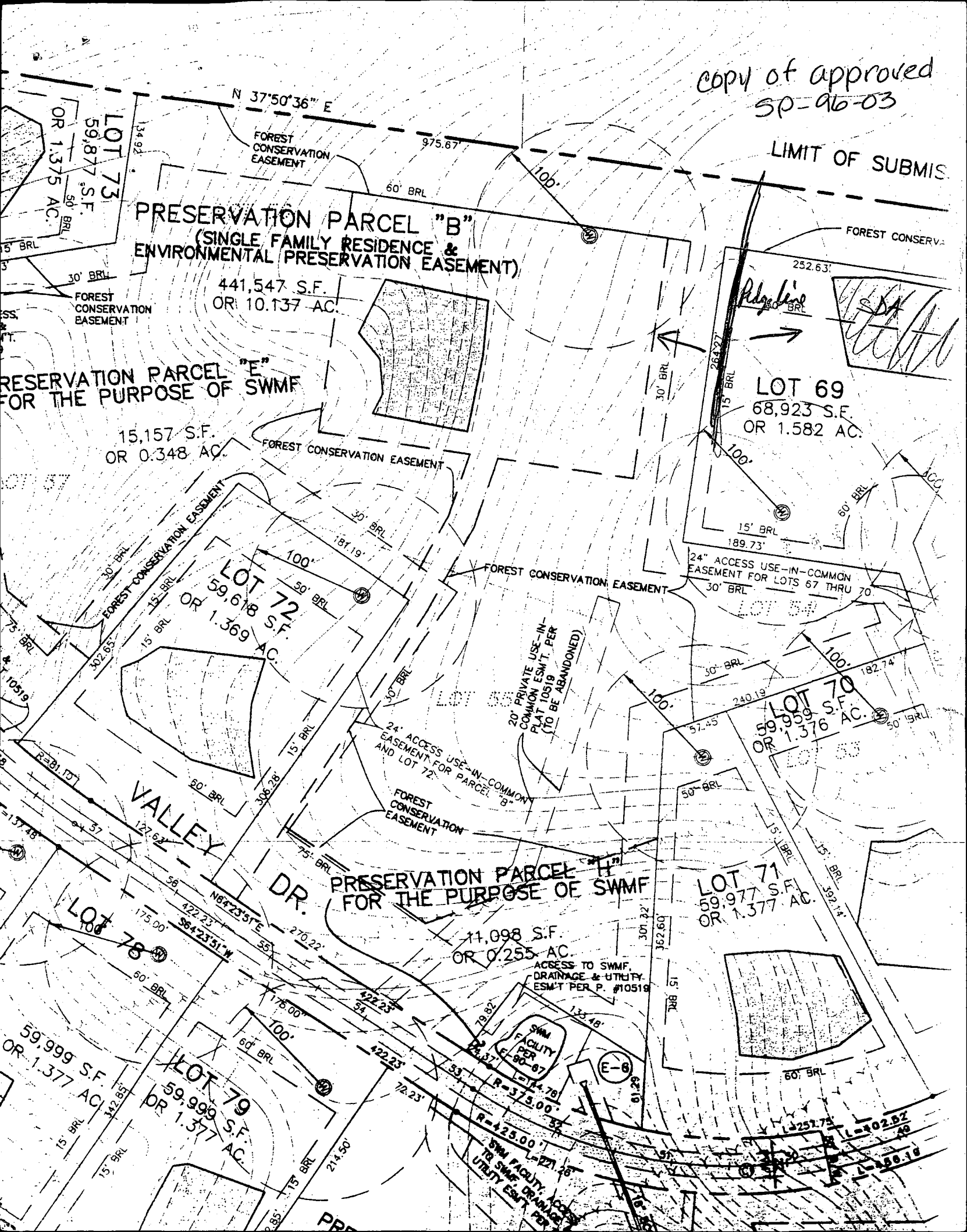
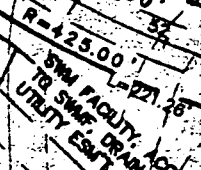
PRESERVATION PARCEL "H"
FOR THE PURPOSE OF SWMF

11,098 S.F.
OR 0.255 AC.

LOT 71
59,977 S.F.
OR 1.377 AC.

LOT 78
59,999 S.F.
OR 1.377 AC.

LOT 79
59,999 S.F.
OR 1.377 AC.



ADELAIDE C. RIGGS
101/358
230/581
ZONE: RC-DEC

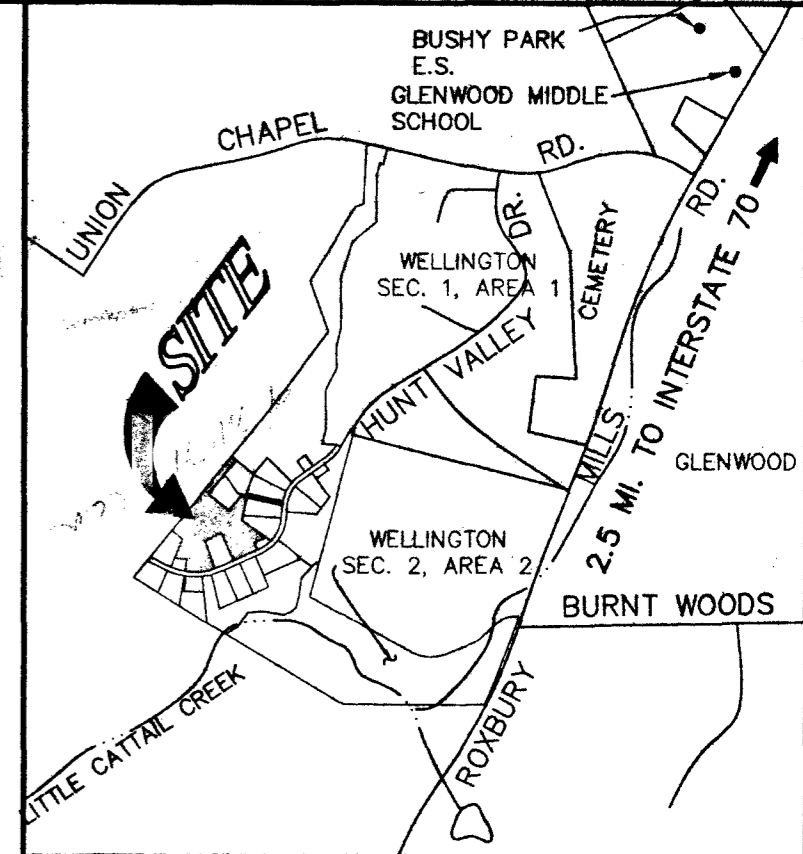
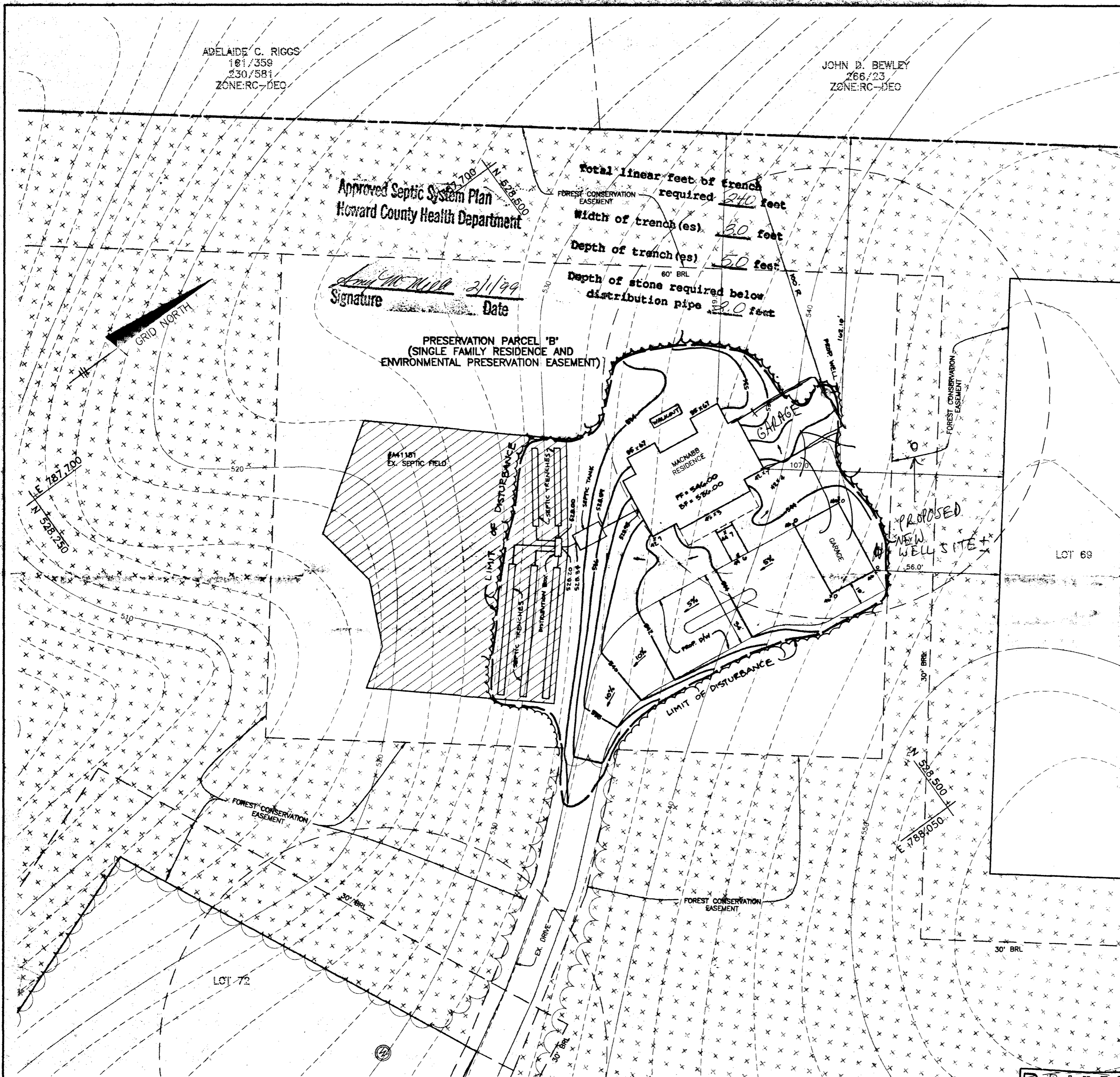
JOHN D. BEWLEY
266/23
ZONE: RC-DEC

Approved Septic System Plan
Howard County Health Department

Andy McNeil 2/1/99
Signature Date

Total linear feet of trench required 240 feet
Width of trench (es) 30 feet
Depth of trench (es) 50 feet
Depth of stone required below distribution pipe 30 feet

PRESERVATION PARCEL 'B'
(SINGLE FAMILY RESIDENCE AND ENVIRONMENTAL PRESERVATION EASEMENT)



VICINITY MAP
SCALE: 1" = 2000'

NOTES

1. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF THE ENVIRONMENT.
2. THIS AREA DESIGNATES A PRIVATE SEWERAGE EASEMENT FOR 10,000 SQUARE FEET AS REQUIRED BY THE STATE DEPARTMENT OF THE ENVIRONMENT FOR INDIVIDUAL SEWERAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWER IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWERAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENROACHMENT INTO THE PRIVATE SEWERAGE EASEMENT. RECORDATION OF A MODIFIED SEWERAGE EASEMENT PLAT SHALL NOT BE NECESSARY.
3. UNLESS OTHERWISE SHOWN, NO WELLS OR SEWERAGE EASEMENTS ARE LOCATED WITHIN 100 FEET OF THE PROPERTY.
4. TOPOGRAPHY SHOWN HEREON IS INTERPOLATED FROM THE 200 SCALE HOWARD COUNTY AERIAL TOPOGRAPHY MAPS.
5. EXACT LENGTH OF SEPTIC TRENCHES TO BE DETERMINED BY THE HEALTH DEPARTMENT AT THE TIME OF PERMIT ISSUANCE.
6. AREA OF LIMIT OF DISTURBANCE 1" = 21,510 SF.

BENCHMARK

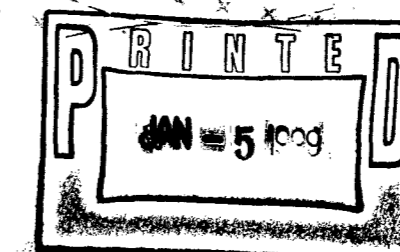
ENGINEERS • LAND SURVEYORS • PLANNERS

ENGINEERING, INC.

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

PROJECT:		WELLINGTON ESTATES PRESERVATION PARCEL 'B'	
LOCATION:		TAX MAP 14 & 29 - PARCEL 239 & 73 4th ELECTION DISTRICT PLAT: 12206 HOWARD COUNTY, MARYLAND	
TITLE:		PLOT PLAN	
DATE:	DECEMBER 9, 1998	PROJECT NO.	12/2
SCALE:	AS SHOWN	DRAWING	1 OF 1

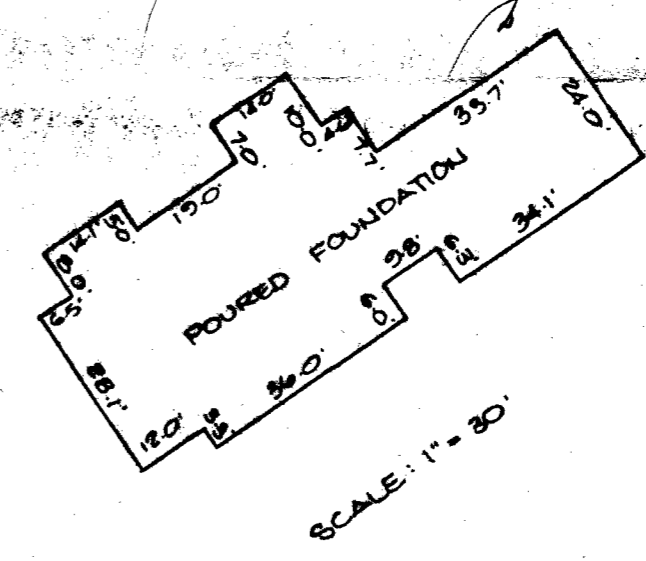
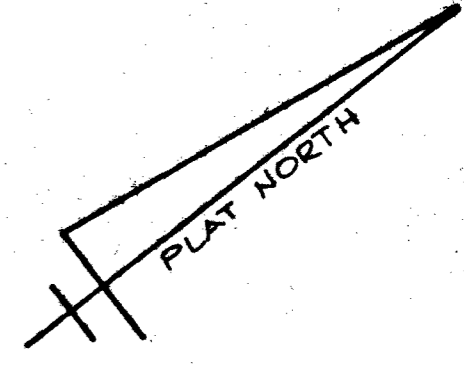
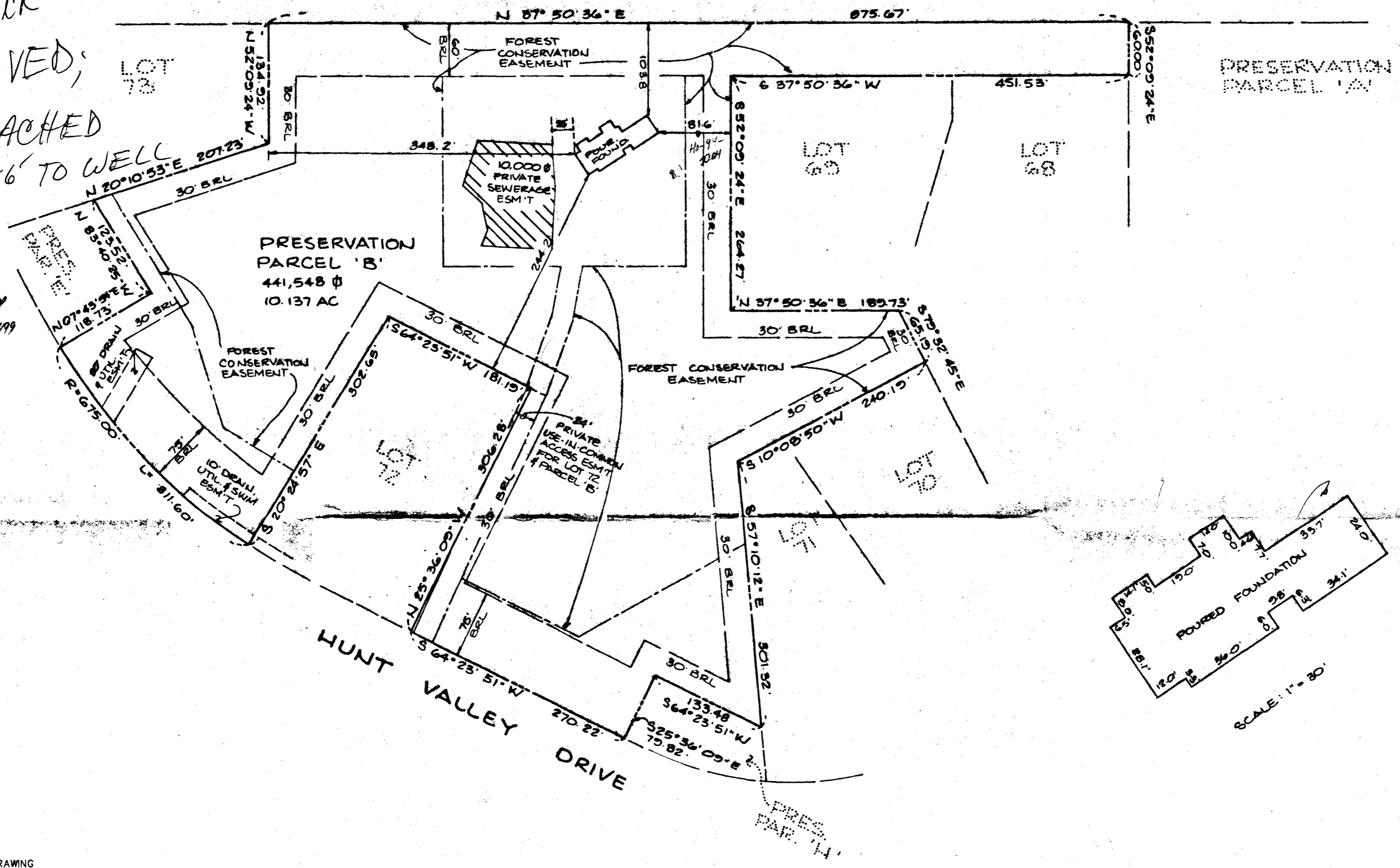
PLAN
SCALE: 1" = 30'



3/8/99 MR
WALL CHECK
NOT APPROVED;

GARAGE ATTACHED
TO HOUSE, ~6' TO WELL

Now well Ho-94-2204
drilled 40' from garage
old well Ho-94-2037 abandoned
& sealed 2/25/99.
Completion Report approved 5/24/99
well checked for acceptability
5/27/99



TOP OF FOUNDATION
WALL ELEV. = 545.0'

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE LOCATION DRAWING SHOWN HEREON IS CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF; THAT THE IMPROVEMENTS HAVE BEEN LOCATED AS THE RESULT OF A FIELD SURVEY, AND THAT THERE ARE NO VISIBLE ENCROACHMENTS UNLESS SHOWN. THE PROPERTY DOES NOT LIE WITHIN A FLOOD HAZARD AREA ON THE FEMA F.I.R.M. IDENTIFIED BELOW. AT THE WRITTEN REQUEST OF THE PURCHASER, NO PROPERTY CORNER MARKERS HAVE BEEN SET.

Peter J. Dare
PETER J. DARE
MD. PROPERTY LINE SURVEYOR #224



RECORD PLAT No. 12206
FEMA FIRM No. 240044 0014B
DATED DECEMBER 4, 1988

BENCHMARK
ENGINEERS • LAND SURVEYORS • PLANNERS
ENGINEERING, INC.

8480 BALTIMORE NATIONAL PIKE • SUITE 418 • ELLICOTT CITY, MARYLAND 21043
PHONE: 410-485-6105 FAX: 410-485-6844

THIS LOCATION DRAWING IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR TITLE INSURANCE COMPANY, OR ITS AGENTS, IN CONNECTION WITH FINANCING THE PROPERTY SHOWN HEREON. THIS DRAWING IS NOT TO BE RELIED UPON FOR THE ESTABLISHMENT OF PROPERTY LINES OR THE CONSTRUCTION OF IMPROVEMENTS SUCH AS FENCES, GARAGES, OR BUILDING ADDITIONS. THIS DRAWING SHOWS THE CONFIGURATION AS CURRENTLY RECORDED, BEING SUFFICIENT FOR SETTLEMENT PURPOSES, BUT BEING INSUFFICIENT FOR THE SETTING OF PROPERTY CORNER PINS ON THE GROUND.

LOCATION DRAWING
WELLINGTON
SECTION TWO, AREA ONE
PRESERVATION PARCEL 'B'
2922 HUNT VALLEY DRIVE

4th ELECTION DISTRICT
HOWARD COUNTY, MARYLAND
SCALE: 1" = 100' DATE: 02/25/99

C1 **06702** SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND
WELL COMPLETION REPORT
 FILL IN THIS FORM COMPLETELY
 PLEASE PRINT OR TYPE

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

COUNTY NUMBER **A 41151**

1 2 3 4 5 6
 (THIS NUMBER IS TO BE PUNCHED
 IN COLS. 3-6 ON ALL CARDS)

ST/CO USE ONLY
 DATE Received
 MM DD YY
 04 30 99

DATE WELL COMPLETED
 MM DD YY
 04 30 99

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
HO-94-2204

OWNER **Selfridge Builders**
 STREET OR RFD **Hunt Valley** TOWN **Glenwood**
 SUBDIVISION **Wellington** SECTION _____ LOT **P.P.B**

WELL LOG
 Not required for driven wells

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

DESCRIPTION (Use additional sheets if needed)	FEET		check if water bearing
	FROM	TO	
Top Soil	0	2	
Sandy	2	20	
Sand Stone	20	25	
MICKA	25	80	
Sand Stone	80	85	✓
MICKA	85	240	
Sand Stone	240	245	✓
MICKA	245	300	

GROUTING RECORD

WELL HAS BEEN GROUTED (Circle Appropriate Box) Y N

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

NO. OF BAGS **14** NO. OF POUNDS **1900**

GALLONS OF WATER **84**

DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **30** ft.
 (enter 0 if from surface)

CASING RECORD

casing types insert appropriate code below

ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING TYPE **PL** Nominal diameter top (main) casing (nearest inch)! **6** Total depth of main casing (nearest foot) **33**

60 61 63 64 66 70

OTHER CASING (if used)

diameter inch _____ depth (feet) from _____ to _____

SCREEN RECORD

screen type or open hole insert appropriate code below

ST STEEL BR BRASS HO OPEN HOLE
 PL PLASTIC OT OTHER

NUMBER OF UNSUCCESSFUL WELLS: **0**

WELL HYDROFRACTURED Y N

CIRCLE APPROPRIATE LETTER

A 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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. **MSD116**
Thad E. Myer
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

LIC. NO. **MSD117**
Thad E. Myer

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

C 2 DEPTH (nearest ft.)

HO 31 300

1 2 3 4 5 6 7 8 9 11 15 17 21
 23 24 26 30 32 36
 38 39 41 45 47 51

SLOT SIZE 1 _____ 2 _____ 3 _____

DIAMETER OF SCREEN (NEAREST INCH)
 56 _____ 60 _____
 from _____ to _____

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

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

70 _____ 72 _____ 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3 **PUMPING TEST**

HOURS PUMPED (nearest hour) **3**
 8 8.5

PUMPING RATE (gal. per min.) **8.5**

METHOD USED TO MEASURE PUMPING RATE **Bucket**

WATER LEVEL (distance from land surface)

BEFORE PUMPING **83** ft.
 17 20

WHEN PUMPING **140** ft.
 22 25

TYPE OF PUMP USED (for test)

A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED

DRILLER WILL INSTALL PUMP (CIRCLE) (YES OR NO) 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 _____

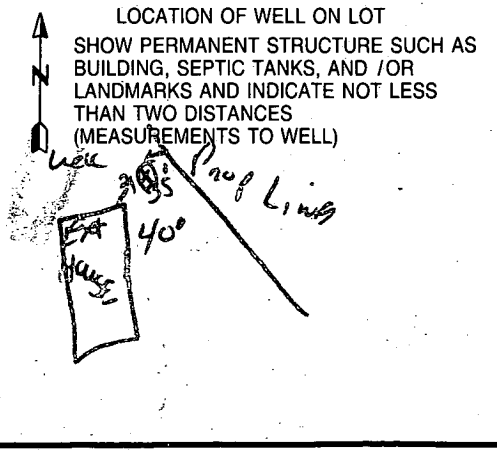
CAPACITY: GALLONS PER MINUTE (to nearest gallon) 31 _____ 35

PUMP HORSE POWER 37 _____ 41

PUMP COLUMN LENGTH (nearest ft.) 43 _____ 47

CASING HEIGHT (circle appropriate box and enter casing height)

+ above } LAND SURFACE
 - below } **2** (nearest foot)
 49 50 51



B 1 4715

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

H0-94-2204

fill in this form completely

Date Received (APA) 03 09 99

OWNER INFORMATION

SELRIDGE Builders 14045 GARDEN DR GLENWOOD MD 21738

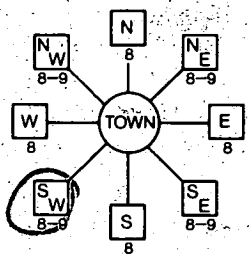
LOCATION OF WELL

Howard Wellington Preservation PARKEL B GLENWOOD I

DRILLER INFORMATION

Ralph MAYNE MS D 116 RALPH MAYNE well DRILLING 9120 Brown Church Rd Mt Airy

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



2922 Hunt Valley Rd

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

1000 FT DISTANCE FROM ROAD 14 BLK 20 PARCEL 239

WELL INFORMATION APPROX. PUMPING RATE 5 AVERAGE DAILY QUANTITY NEEDED 500

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A41151 COUNTY NO. Mark E. Palkin 3/23/00 CO. SIGNATURE DATE ISSUED

- USE FOR WATER (CIRCLE APPROPRIATE BOX) DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION

APPROXIMATE DEPTH OF WELL 300 FEET

APPROXIMATE DIAMETER OF WELL 6 INCH

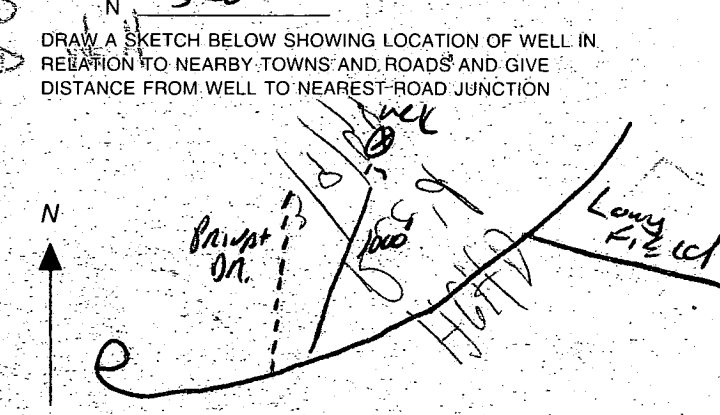
METHOD OF DRILLING (circle one) AIR-ROTary

REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX) THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) H0-94-2039

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



SPECIAL CONDITIONS STANDARD YIELD TEST REQUIRED

 WATER WELL ABANDONMENT-SEALING REPORT FORM

SUBMIT COPIES OF COMPLETED FORM TO:

- * COUNTY ENVIRONMENT AGENCY (contact MDE, WMA if address needed)
- * WELL OWNER
- * MDE, WATER MANAGEMENT ADMINISTRATION, WELL PROGRAM

DATE WELL ABANDONED: Feb 25 1999 (month/day/year)

* PERMIT NUMBER OF ABANDONED WELL (if any)

40-94-2039

* PERMIT NUMBER OF REPLACEMENT WELL

40-94-2204

* PERSON ABANDONING WELL: Ralph Mayne

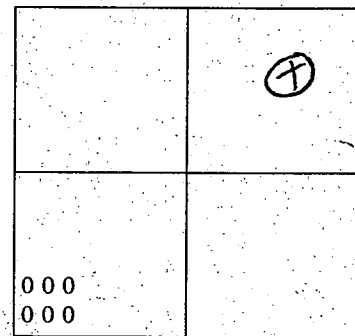
WELL DRILLERS LICENSE NUMBER: MSO 116

* OWNER'S NAME: Selfridge Builders

CIRCLE: MWD / MSD / MGD

* WELL LOCATION:

COUNTY: Howard
 NEAREST TOWN: Glenwood
 TAX MAP 14 BLOCK 20 PARCEL 239
 SUBDIVISION: Willingtown Est
 SECTION: _____ LOT: _____



MARYLAND GRID COORDINATES

E 788
 BOX NUMBER
 N 528 ←

SHOW WELL LOCATION
 BY X WITHIN BOX

* TYPE OF WELL BEING ABANDONED:

- DRILLED
- BORED/AUGURED
- OTHER (specify) _____
- JETTED
- HAND DUG

LOG OF SEALING MATERIAL

* USE CODE:

- DOMESTIC
- IRRIGATION
- TEST/OBSERVATION
- MUNICIPAL/PUBLIC
- INDUSTRIAL

MATERIAL	FEET	
	FROM	TO
Blue Stone	395	50
#2 Cement	50	0

* TYPE OF CASING:

- STEEL
- CONCRETE
- PLASTIC
- OTHER (specify) _____

* SIZE OF CASING: 6 1/8 INCHES IN DIAMETER

* DEPTH OF WELL: 395 FEET DEEP

* WAS ANY CASING REMOVED? YES NO
 if yes, length removed, in feet: 2

* WAS CASING RIPPED OR PERFORATED? YES NO

SIGNATURE-MASTER WELL DRILLER OR SUPERVISING SANITARIAN

Ralph Mayne

LICENSE #

116

MWD MSD / MGD
 CIRCLE ONE

DATE

4-5-99



C1 9835

SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED AFTER WELL IS COMPLETED. COUNTY NUMBER A41151

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED 01 29 99

Depth of Well 395 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" HD-94-2039

OWNER Selfridge Bldgs last name first name STREET OR RFD Hunt Valley Dr TOWN Glenwood SUBDIVISION WELLINGTON SECTION 2 LOT tres par B

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

GROUTING RECORD WELL HAS BEEN GROUTED (Y) (N) TYPE OF GROUTING MATERIAL (C) (M) (B) (C) NO. OF BAGS 8 NO. OF POUNDS 600 GALLONS OF WATER 48 DEPTH OF GROUT SEAL 0 to 23

CASING RECORD casing types insert appropriate code below (S) (T) (C) (O) (P) (L) (O) (T) MAIN CASING TYPE PL Nominal diameter 61 Total depth of main casing 25

OTHER CASING (if used) diameter 49 depth 19

SCREEN RECORD screen type or open hole (S) (T) (B) (R) (H) (O) (P) (L) (O) (T) (S) (T) (H) (O) (P) (L) (O) (T)

PUMPING TEST HOURS PUMPED 3 PUMPING RATE 4 METHOD USED TO MEASURE PUMPING RATE Bucket WATER LEVEL 68 BEFORE PUMPING 139 WHEN PUMPING TYPE OF PUMP USED (S) submersible

PUMP INSTALLED DRILLER INSTALLED PUMP (NO) TYPE OF PUMP INSTALLED PLACE (S) IN BOX 29 CAPACITY: GALLONS PER MINUTE 31 to 35 PUMP HORSE POWER 37 to 41 PUMP COLUMN LENGTH 43 to 47 CASING HEIGHT (+) above (2) below LAND SURFACE (2) (nearest foot)

NUMBER OF UNSUCCESSFUL WELLS: 0 WELL HYDROFRACTURED (Y) (N)

DEPTH (nearest ft.) table with columns 1-21 and rows A-E. Includes slot size and diameter of screen information.

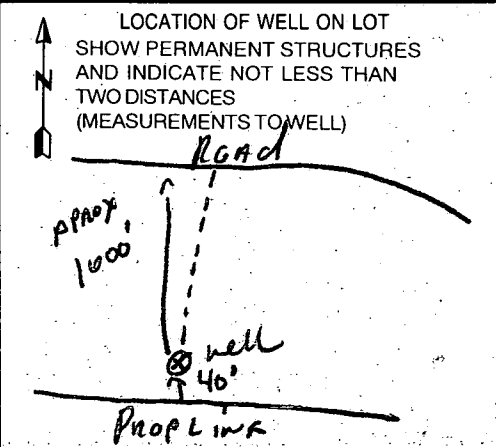
CIRCLE APPROPRIATE LETTER A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED E ELECTRIC LOG OBTAINED P TEST WELL CONVERTED TO PRODUCTION WELL

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, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS LIC. NO. MS D 116 DRILLERS SIGNATURE Paul M. Wayne LIC. NO. MS D 117 DRILLERS SIGNATURE Paul E. Wayne

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

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) T (E.R.O.S.) W Q TELESCOPE CASING LOG INDICATOR OTHER DATA



B 1 4701 SEQUENCE NO. (MDE USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

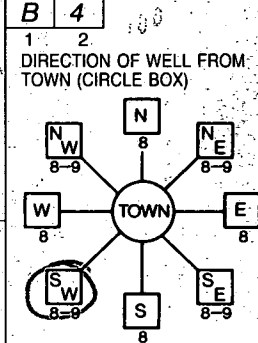
STATE PERMIT NUMBER HO-94-2039 fill in this form completely

OWNER INFORMATION Date Received (APA) 12 18 98 SELF RIDGE Builders 14045 Gared Dr. GLENWOOD MD. 21738

LOCATION OF WELL B 3 Howard WILLINGTOWN EST, Preservation Parcel (B) GLENWOOD

DRILLER INFORMATION RALPH MAYNE MSD 116 RALPH MAYNE Well Drilling 9120 Brown Church Rd. Mt Airy Md M Mayne 12-17-98

Hunt Valley Dr. 1000 DISTANCE FROM ROAD 14 BLK: 20 PARCEL 239



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

- USE FOR WATER (CIRCLE APPROPRIATE BOX) D DOMESTIC POTABLE SUPPLY & RESIDENTIAL IRRIGATION F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) I INDUSTRIAL, COMMERCIAL, DEWATERING P PUBLIC WATER SUPPLY WELL T TEST, OBSERVATION, MONITORING G GEO-THERMAL

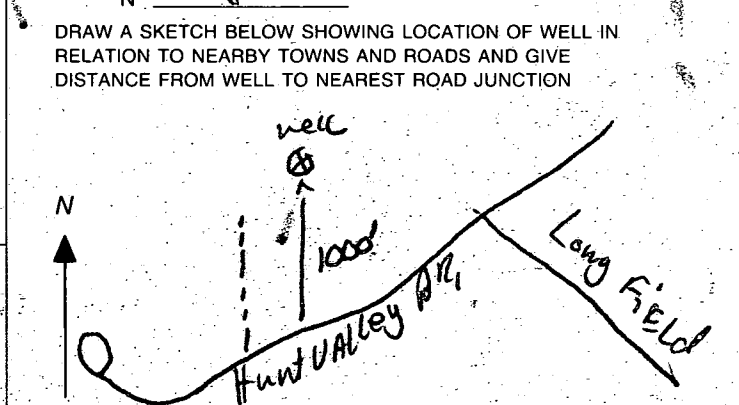
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL Howard A41151 COUNTY NAME COUNTY NO. STATE SIGNATURE INSERT S DATE ISSUED 12/30/98 Mark E. Klein 12/30/99

APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6 1/2 INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X SOURCES OF DRILLING WATER 1. well 25' casing 23' open 8 bags WRITE THE BOX NUMBER FROM THE MAP HERE E 750 88 N 580 28

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) N THIS WELL WILL NOT REPLACE AN EXISTING WELL Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS D THIS WELL WILL DEEPEN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)



Not to be filled in by driller (MDE OR COUNTY USE ONLY) APPROP. PERMIT NUMBER 54 GAP 63 PERMIT No. HO-94-2039

Willington Est Preservation Parcel B

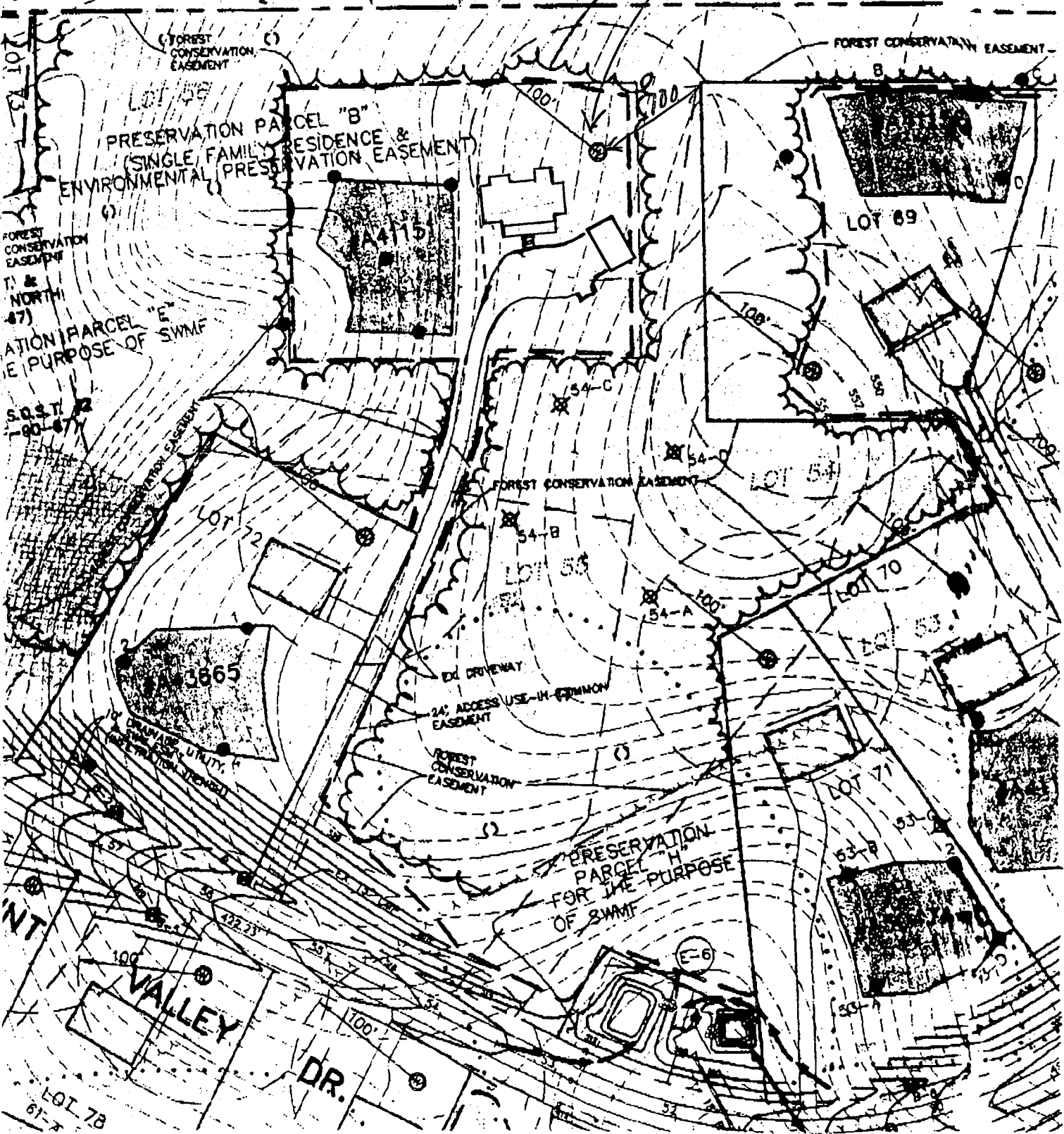
Post-It Fax Note	7871	Date	11/11/98	# of pages	1
To	TIM	From	CHICK M.		
Co./Dept.	PRES. PARCEL	Co.			
Phone #	'8' at willington	Phone #			
Fax #		Fax #			

12/28/98
WELL SITE
OK
MR

12/22/98
well site
not shared
DJS

BRANCE
510

PROP. TREE LINE (TYP.)



HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date _____

Name of Installer George Baker

Telephone 410-788-3080

License Number 2214

Certified Well Pump Installer _____ Well Driller _____ Registered Plumber

Name of Property Owner Sallydora Bleds Telephone 410 531-8930
Subdivision Wilmington Estates Lot # DWC B Well Tag # 94-20-39
Site Address Hunt Valley Dr.

Pump

- Type
 - Deep well jet _____
 - Shallow well jet _____
 - Submersible
- Make Truist
- Model # 32972
- Capacity 8 GPM
- Pump exceeds well capacity Yes No _____
- If Yes, is low pressure cutoff switch installed? Yes No _____
- What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other _____

- Motor
- Horsepower 3/4
 - RPM _____
 - Voltage _____
 - 110 _____
 - 220

- Pitless Adapter
- Make Martinson
 - Model # _____
 - Depth 48

Tank

- Capacity 14203
- Pressure relief valve? yes

- Piping
- Type Plastic 16016
 - Size 1
 - NSF and/or BOCA Code approved yes
 - Depth of supply line 49

- Well data
- Depth 395 ft.
 - Yield 4 GPM
 - Static water level 68 ft.
 - Will water supply be disinfected by installer? no

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

Information given above is true to the best of my knowledge.

Signature of Applicant: George Baker

Date: 3-1-99



Sharon took 8/19/99 location will have no impact on existing wells & septic

**PRESERVATION PARCEL 'B'
(SINGLE FAMILY RESIDENCE AND ENVIRONMENTAL PRESERVATION EASEMENT)**

441151
EX. SEPTIC FIELD

LIMIT OF DISTURBANCE

SEPTIC TRENCHES

DISTRIBUTION BOX

SEPTIC TANKS

SEPTIC TANK

LIMIT OF DISTURBANCE

MACNABB RESIDENCE

FF = \$46,200
SF = \$34,000

GARAGE

FOREST CONSERVATION EASEMENT

