

2-12-98
10:00 C.O.
2-13-98
10:00 C.O.

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

05-427207

P 59303

A 57358-B

DISTRICT 5th

DATE 1-9-98

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXX~~ 410-313-2640

DATE SYSTEM APPROVED 2/13/98

INSPECTOR DKS

INDEXED

J. Joseph Gartland IS PERMITTED TO INSTALL ALTER

ADDRESS 1835 West old Liberty Road, Westminster, Maryland PHONE 410-875-2400

SUBDIVISION Allen Acres LOT 2 ROAD 4535 Linthicum Road

PROPERTY OWNER Daniel Mathis

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe. 45

LOCATION - Place the distribution box 100 feet from the front lot line and 75 feet from the right lot line as seen when facing the property from Linthicum Road. Run trenches along contour toward right-front portion 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. DK 12/3/97 DKS

2/10/98 Specs revised All

PLANS APPROVED BY C. Williams DATE 11/29/97

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)

BUILDING PERMIT SIGNED

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

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER NO ABSORPTION TRENCH TO EXCEED 100 FEET IN LENGTH 1/9/2003 B00139916 DECK

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

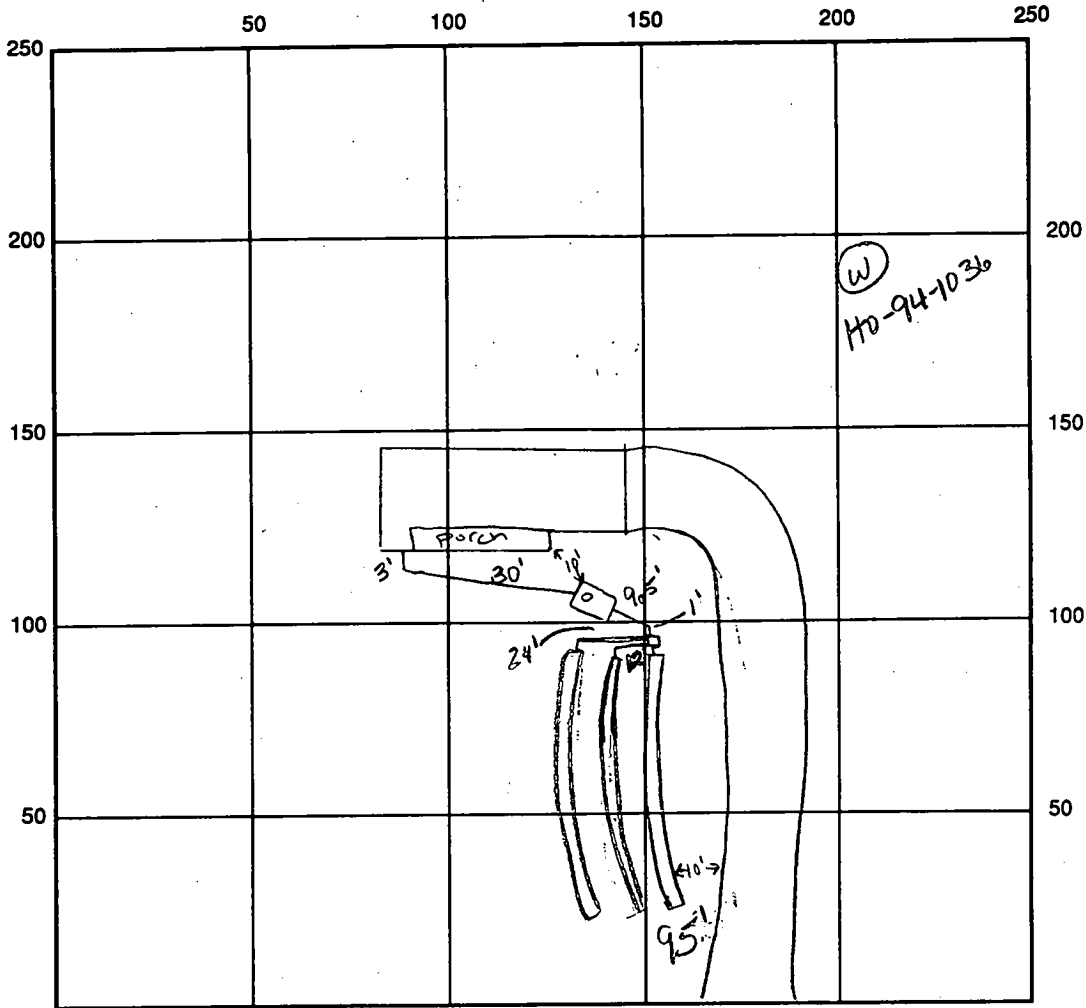
PERMIT VOID AFTER TWO YEARS

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**

A 57358-B



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Linthicum Rdo

SEPTIC TANK LEVEL OK, 1250 gallons

CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL OK

DRAIN FIELD/TITLE DEPTH 6.0 FT.

TRENCH WIDTH 3.0 FT.

INLET DEPTH 4.0 FT.

EFFECTIVE GRAVEL DEPTH 2.0 FT.

TOTAL LENGTH 3 x 95 FT. → 285'

NUMBER OF TRENCHES 3

ONE SIDEWALL/BOTTOM AREA 855 SQ. FT.

DRYWALL INSIDE DIAMETER FT.

EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS: 2/10/98 Installer reports top not as shown on BP plan - OK to put box

on 619.5 contour (as shown on plan) + run trenches // to the driveway ALMA

2/12/98 WPI - OK to cover P.A. 4.0' below grade, casing 1.0' above grade, has 2 piece cap

C.O. dc to cover up to distribution box' and first trench, leave ends of 2nd and 3rd

trench open, needs cap on cleanout on septic tank

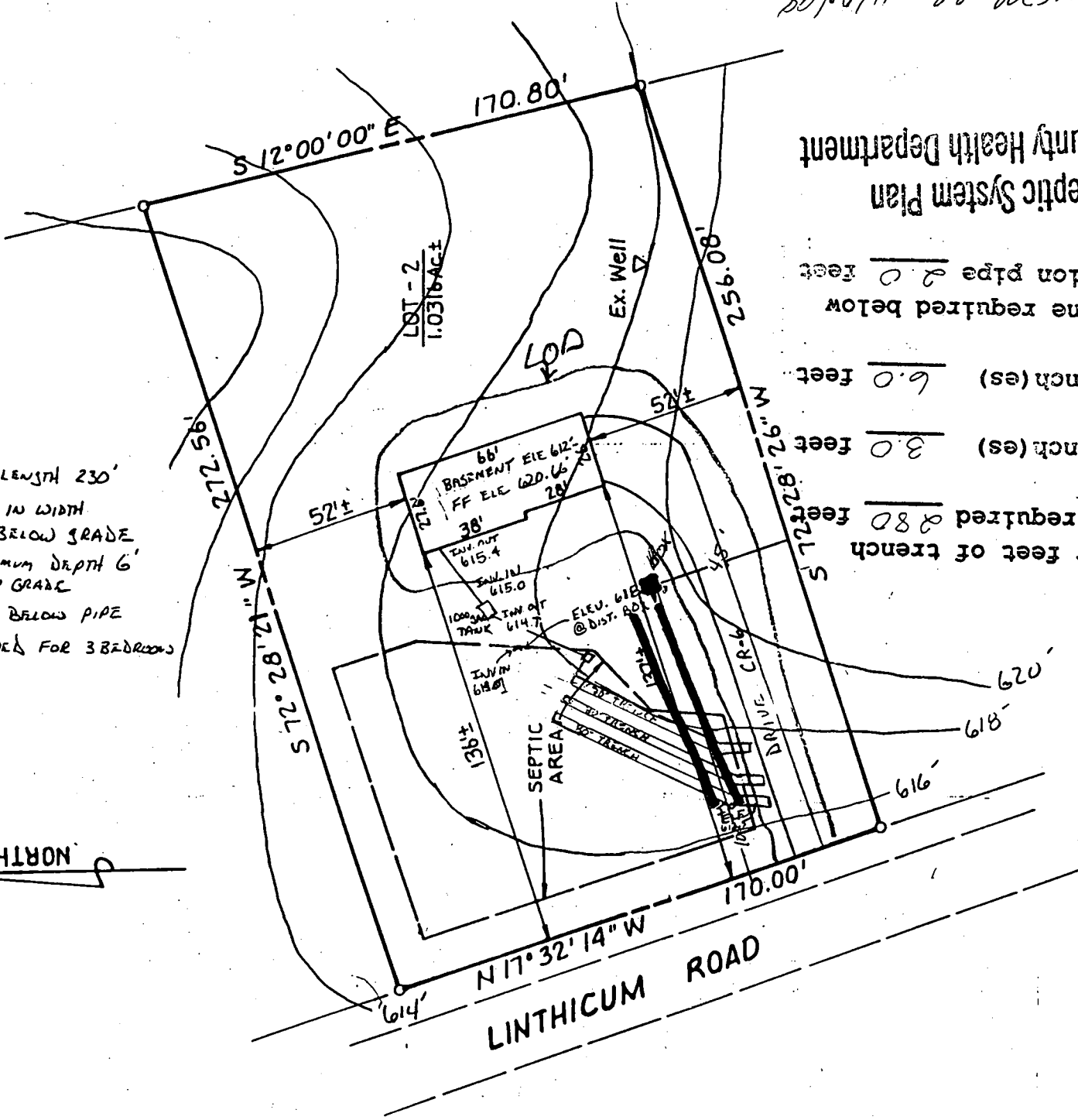
2/13/98 FINAL - OK to cover all work. OK

DATE SYSTEM APPROVED 2/13/98

INSPECTOR DOUGLAS

NORTH

TOTAL TRENCH LENGTH 230'
TRENCHES 3' IN WIDTH
INLET 4' BELOW GRADE
BOTTOM MAXIMUM DEPTH 6'
BELOW GRADE
2' OF STONE BELOW PIPE
SYSTEM DESIGNED FOR 3 BEDROOMS



LOT - 2
1.0316 AC ±

Signature Steve McMillen
Date 11/20/98

Approved Septic System Plan
Howard County Health Department

Total linear feet of trench required 280 feet

Width of trench(es) 3.0 feet

Depth of trench(es) 6.0 feet

Depth of stone required below distribution pipe 2.0 feet

PLOT PLAN
LOT - 2

BROWN PROPERTY
LINTHICUM ROAD
5TH ELECT. DIST. HOWARD CO. MD.
SCALE: 1" = 50' DATE: APRIL 15, 1997
65-97-22-1

ALL MEASUREMENTS BELIEVED TO BE ACCURATE

Beate SERO

A.L.S. INC.
194 EAST MAIN STREET
WESTMINSTER, MD. 21157
(410) 857 - 0822

APPLICATION

11/22/96
10:00

PERCOLATION TESTING

A 54358B

P _____

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

PREVIEW OK
PROPOSED
4 LOT
SUBDIVISION

DISTRICT _____

DATE 10/28/96

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

LOT 2 NOTES
ON TWO SHEETS

I HEREBY APPLY FOR THE NECESSARY TEST PRIOR TO APPLICATION FOR PERMIT TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Allen M. Brown

ADDRESS 4609 Linthicum Rd Dayton Md PHONE 531-2658
21036

AGENT OR PROSPECTIVE BUYER Allen M. Brown

ADDRESS Linthicum Rd Dayton Md PHONE 531-2658

PROPERTY LOCATION:

SUBDIVISION Allen M. Brown LOT NO. # 1 # 2 # 3

ROAD AND DESCRIPTION (4535 Linthicum Road)

TAX MAP 28 PARCEL # 4

SIZE OF LOT _____ TYPE BLDG. Allen M. Brown
(SINGLE FAMILY DWELLING OR COMMERCIAL)

BLDG. PERMIT SIGNED
AND RETURNED 11-19-97
Serial # 27108829
SFD-4Bmm

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. Allen M. Brown
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING _____

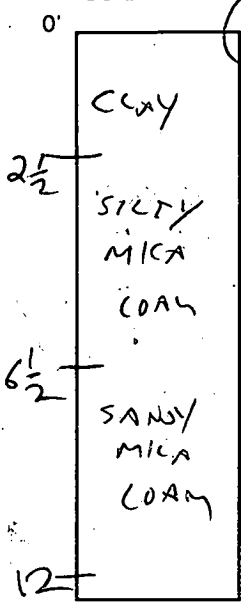
PERCOLATION TEST PLAT/PRELIMINARY PLAT - TITLE OR I.D. # _____ DATE _____

SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

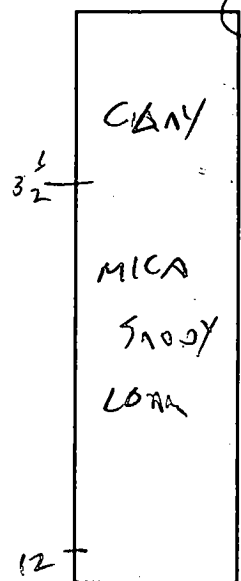
THIS IS NOT A PERMIT

COUNTY #

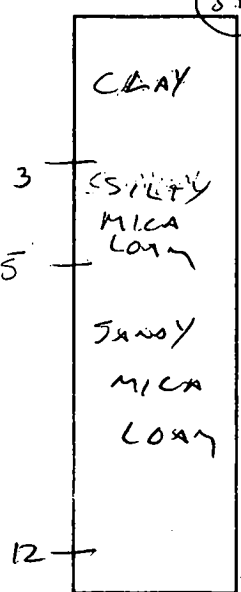
SOIL PROFILE



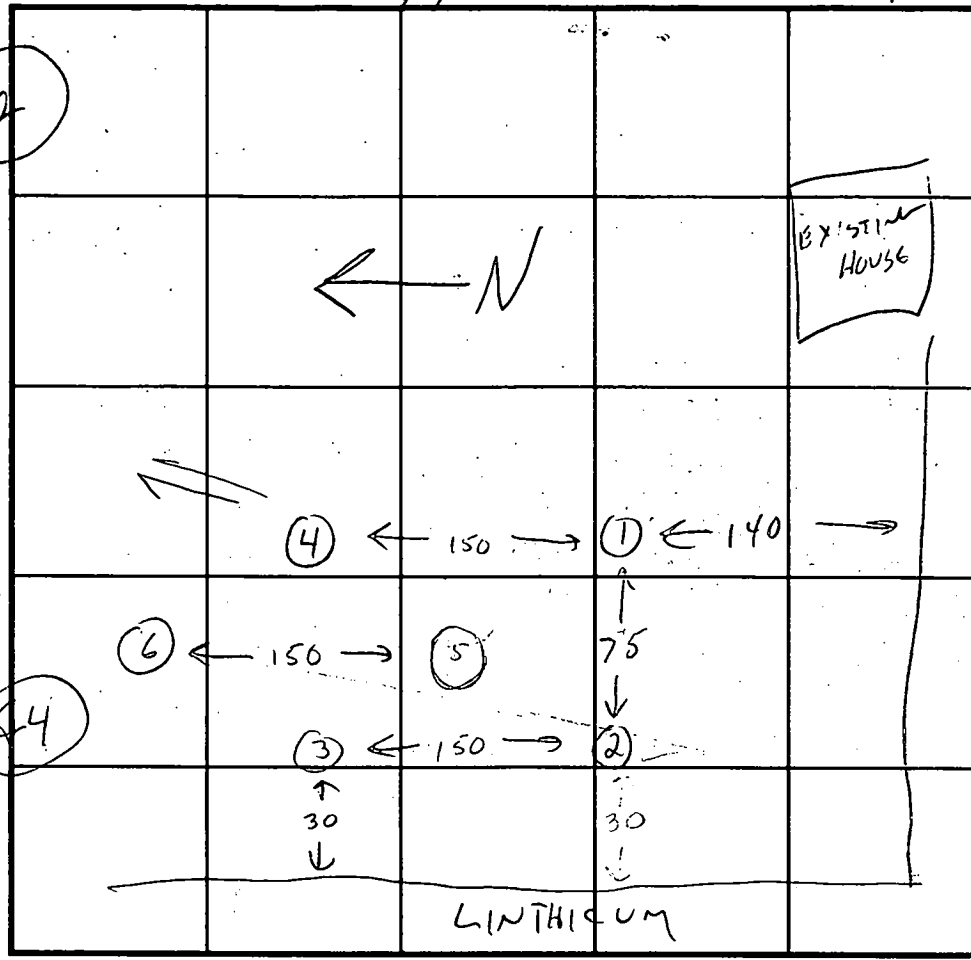
1+2



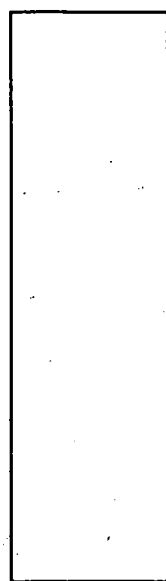
3+4



5+6



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/8/96	1	5'	10:14	10:17	10:17	10:20	3 MIN
		8 1/2'	10:11:00	10:11:30	10:11:30	10:12	30 SEC
		12'	VIS	OK			
	2	5'	10:23	10:25	10:25	10:23	3 MIN
		12'	VIS	OK			
	3	4'	10:40	10:42	10:40	10:43	3 MIN
		8'	10:35	10:37	10:37	10:40	2 MIN
		12'					
	4	7 1/2'	10:47	10:49	10:49	10:50	
		11 1/2'					

REMARKS 5/6 VIS OK 3 1/2 - 11'

TYPE OF SOIL _____
 TESTED BY C. Wilton ALSO PRESENT C15564, Brown
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME 2 MIN TRENCH WIDTH 3
 INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 210

APPLICATION

PERCOLATION TESTING

5
~~A 57358 X B~~

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

previous OK
proposed
4 LOT
SUBDIVISION

P _____
DISTRICT _____
DATE _____

PART OF
LOT 2

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 Allen M. Brown

ADDRESS 4609 Linticum Rd Dayton Md 21036 PHONE 531-2658

AGENT OR PROSPECTIVE BUYER Allen M. Brown

ADDRESS Linticum Rd Dayton Md PHONE 531-2658

PROPERTY LOCATION:
SUBDIVISION Allen M. Brown LOT NO. #1 II 1 II 3

ROAD AND DESCRIPTION _____

TAX MAP 28 PARCEL # 4

SIZE OF LOT _____ TYPE BLDG. Allen M. Brown
(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. Allen M. Brown
(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 _____

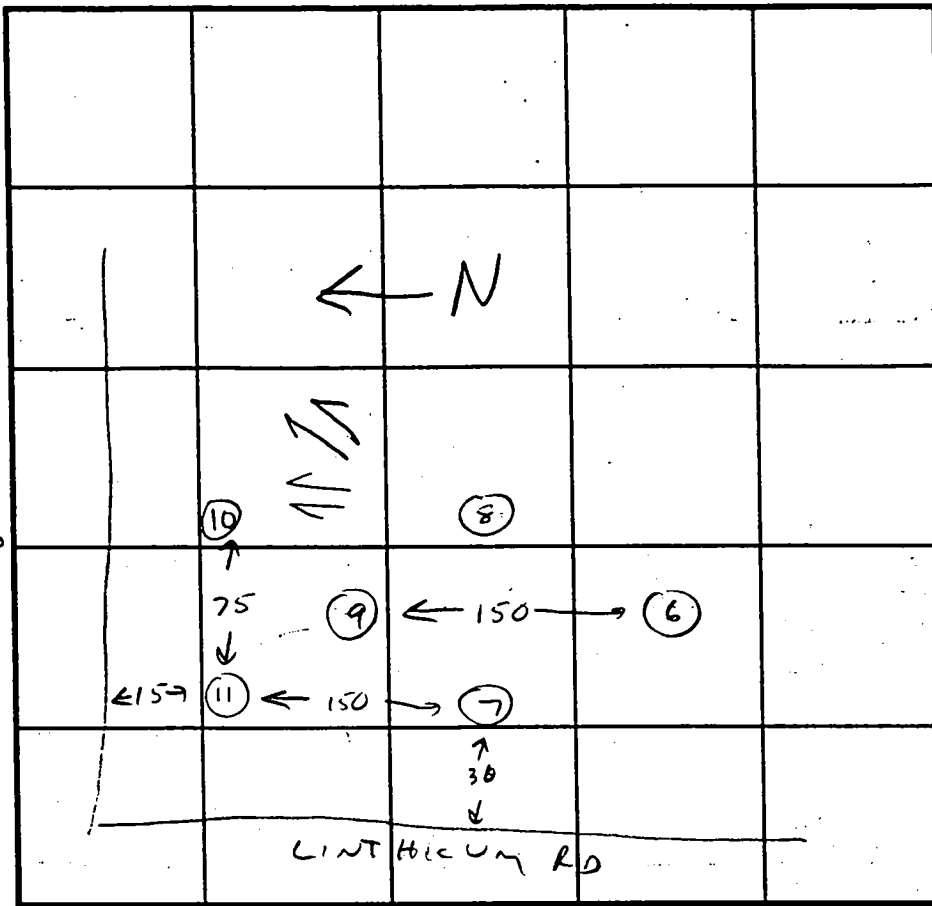
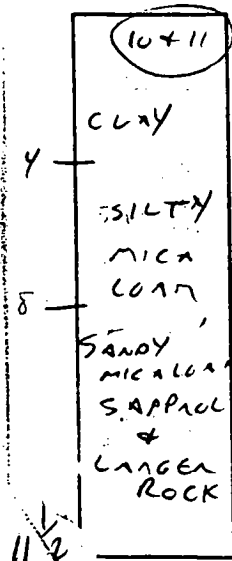
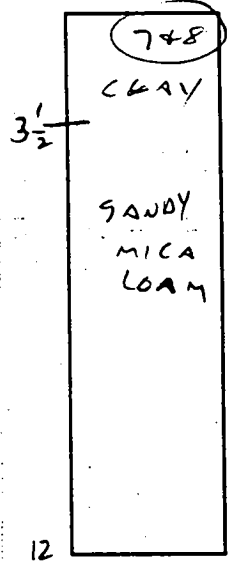
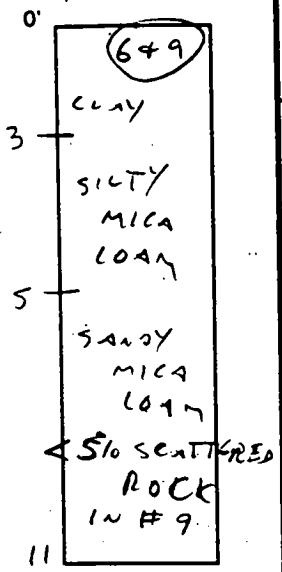
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

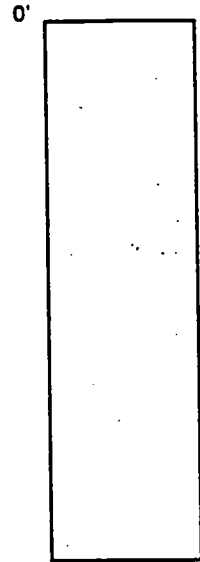
A57358A - LOT 1

COUNTY #

SOIL PROFILE



SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/8/96	6/9	VIS	OK	3-11'	POWDERY	LOAM	
	7	4 1/2	11:10	11:13	11:13	11:17	4 MIN
		8 1/2	11:15	11:17	11:17	11:23	1 1/2 MIN
		12					
	8	4	VIS	OK TO	12		
		12					
	11	4	11:20	11:22	11:22	11:25	3 MIN
		7	11:20	11:21	11:21	11:23	2 MIN
		11		VI 5 OK TO	11 1/2'	(S-18% SAT NO LIT)	
	12	4	11:28	11:32	11:32	11:38	6 MIN
		7	11:28	11:30	11:30	11:33	3 MIN
		VIS	OK TO	11 1/2			

REMARKS: WELL SITE IN QUESTION - MAY. NEED TO ADJUST LOT SHAPE

TYPE OF SOIL _____

TESTED BY CW ALSO PRESENT CISSOL, BROWN

TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME _____ TRENCH WIDTH 3

INLET DEPTH 4 MAXIMUM BOTTOM DEPTH 6 SQ. FT./BEDROOM 180

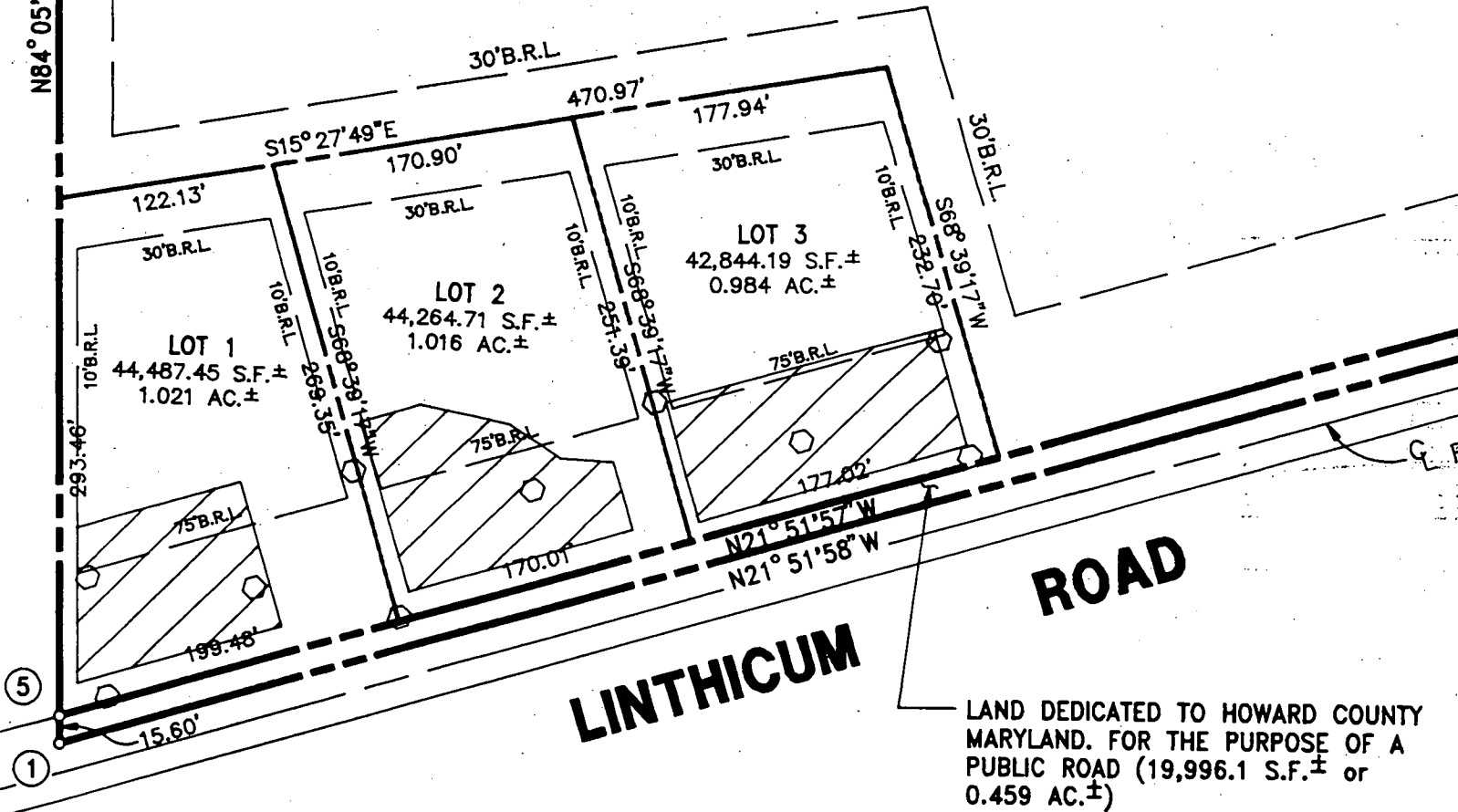
995,495.12 S.F.±
22.853 AC.±

REBAR FOUND

894.29'

N84°05'24"E

F98-04
ALLEN'S ACRES
H.O. SIGNATURE 11/3/97



OWNER'S CERTIFICATE

WE, ALLEN M. BROWN AND ESTELLE M. BROWN OWNERS OF THE PROPERTY DESCRIBED HEREON ADOPT THIS PLAN OF SUBDIVISION AND IN CONSIDERATION OF THE APPROVAL GRANTED BY THE DEPARTMENT OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING SETBACKS AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS (1) THE RIGHT TO CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND (2) UNDER ALL ROADS AND STREETS RIGHT-OF-WAYS AND THE SPECIFIC EASEMENT AREA (3) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/ OR FLOOD PLAINS AND OPEN SPACES WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE PURPOSES HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE INTEREST IN THE BEDS OF THE STREETS AND/OR ROADS AND FLOOD PLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACES (4) THE RIGHT TO REQUIRE DEDICATION OF WATER WAYS AND DRAINAGE EASEMENTS FOR THE PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTAINANCE AND (4) THAT NO BUILDING OR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT-OF-WAYS.

WITNESS OUR HANDS THIS 28th DAY OF OCT, 1997

Allen M. Brown

Estelle M. Brown

SURVEYOR'S CERTIFICATE

I HEREBY CERTIFY THAT THE INFORMATION HEREON IS CORRECT, THAT IT IS A TRUE AND ACCURATE COPY OF THE LAND CONVEYED BY JOHN H. BROWN AND ALLEN M. BROWN AND ESTELLE M. BROWN BY A DEED DATED MAY 22, 1946 AND RECORDED IN THE RECORDS OF HOWARD COUNTY, MARYLAND, BOOK 240 AND THAT ALL MONUMENTS ARE IN PLACE AND CORRECTLY LOCATED IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND AS AMENDED AND THAT THE STREETS IN THE SUBDIVISION BY HOWARD COUNTY ARE CORRECTLY LOCATED AND WIDENESS OUR HANDS THIS 28th DAY OF OCT, 1997

John H. Brown

B 1 **7406** SEQUENCE NO. (MDE USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

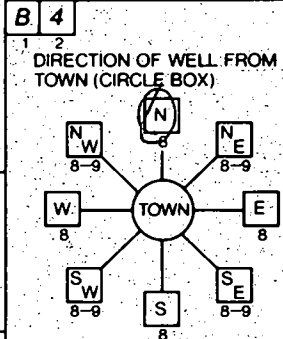
STATE OF MARYLAND
 PERMIT TO DRILL WELL
 please print or type

STATE PERMIT NUMBER
H0-94-1036
 fill in this form completely

Date Received (APA) **010297**
 OWNER INFORMATION
BROWN **ALLEN**
 Last Name Owner First Name
4609Ainthicum RD
 Street or RFD
DAYTON **MD21036**
 Town 70 State 72 Zip 76

B 3 LOCATION OF WELL
HOWARD COUNTY
ALLENFESTELL BROWN SUBDIVISION
 SECTION **2** LOT **2**
DAYTON NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **1** **M** **I**

DRILLER INFORMATION
Joseph L. Mayne DRILLER'S NAME
Joseph L. Mayne Well Drilling FIRM NAME
5512 Ridge Rd. Mt Airy 21771 ADDRESS
Joseph L. Mayne SIGNATURE **1/2/97** DATE
 CIRCLE: MSD MGD/MWD
24 LICENSE NO. 80



NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
Howard COUNTY NAME
A573588 COUNTY NO.
 STATE SIGNATURE _____ DATE ISSUED **010697** INSERT S _____
1/6/98 EXP. DATE
 NORTH GRID **513000** EAST GRID **8030000**
 50 55 57 83

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **5**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **509**

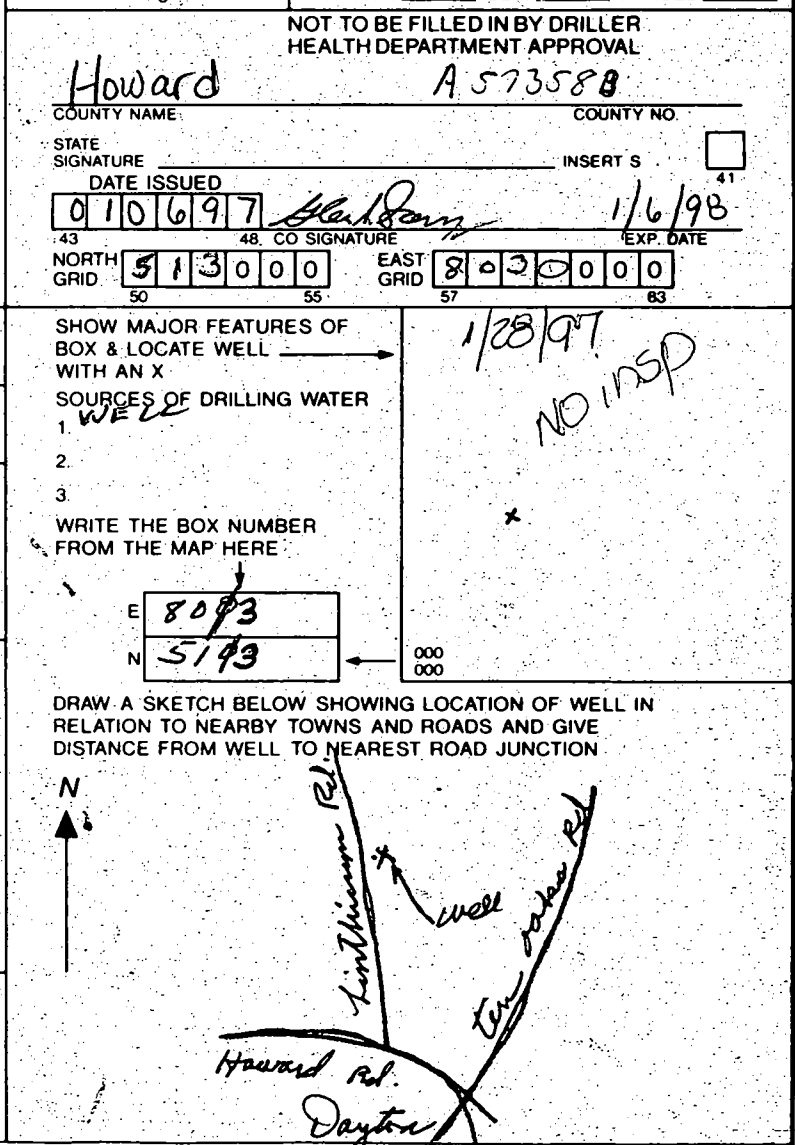
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

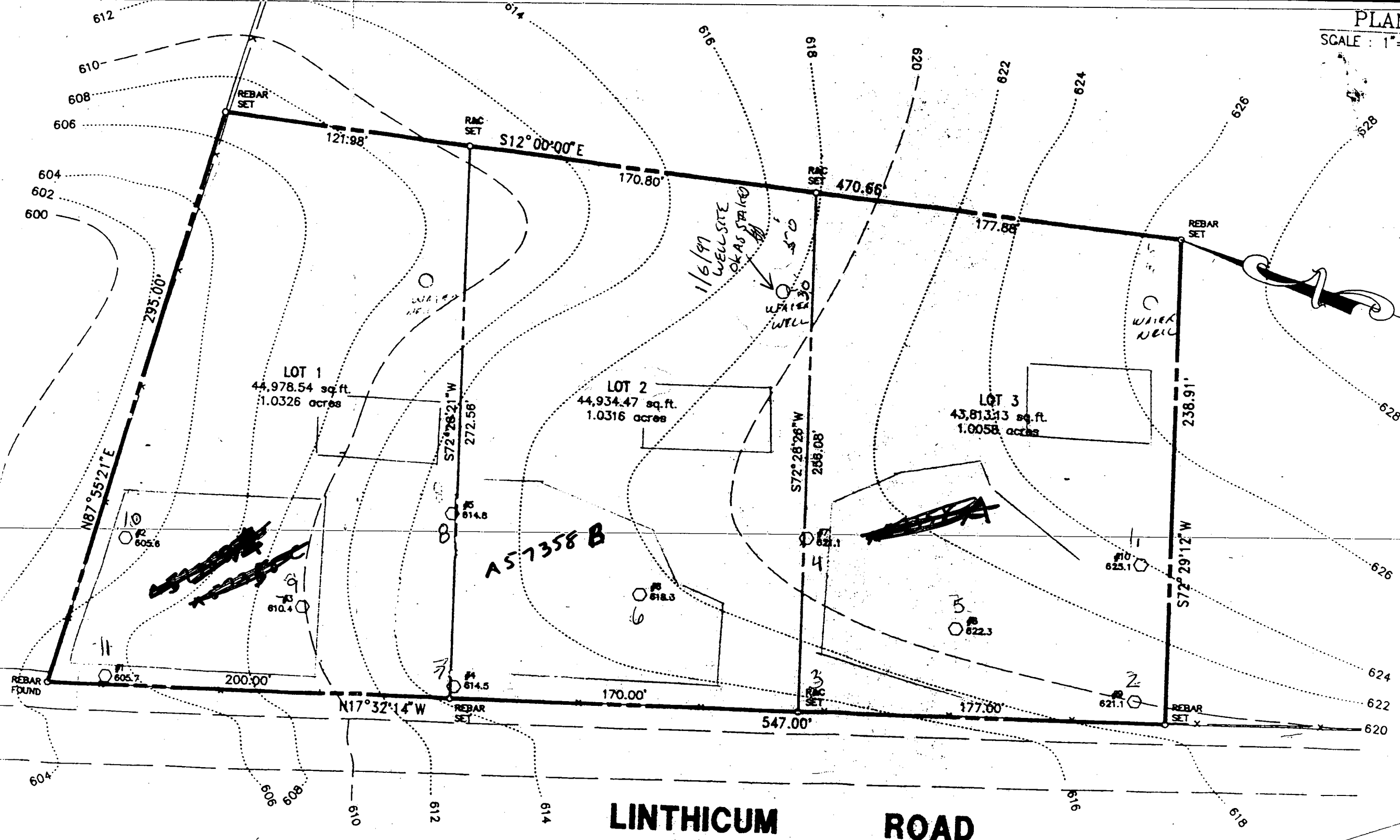
APPROXIMATE DEPTH OF WELL **280** FEET
 APPROXIMATE DIAMETER OF WELL **6** INCH NEAREST

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTARY AIR-PERCUSION ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTARY DRIVE-POINT
 other: _____

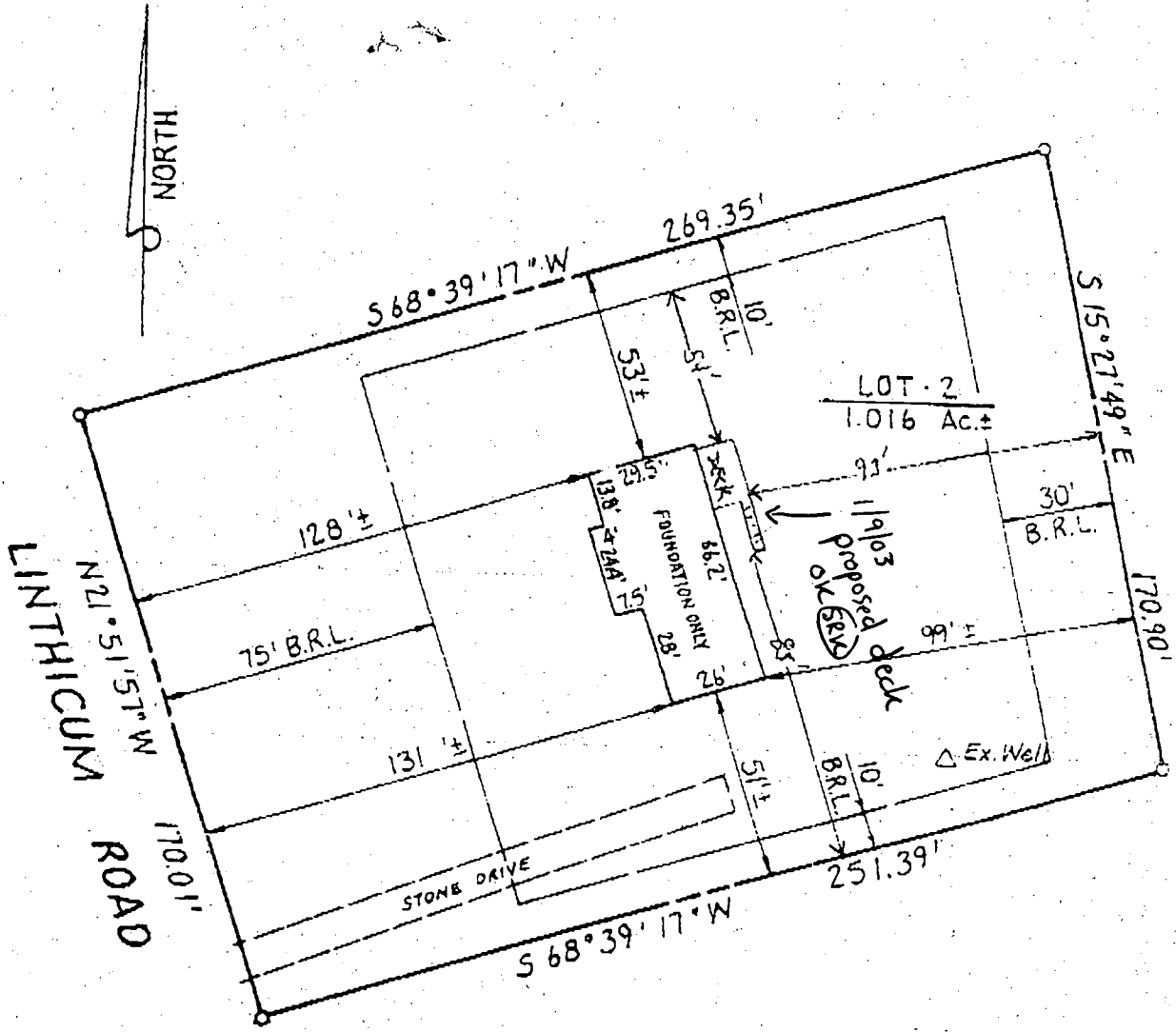
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)
 THIS WELL WILL NOT REPLACE AN EXISTING WELL
 THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
 THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY-CONTACT LOCAL APPROVING AUTHORITY FOR POLICY ON STANDBY WELLS
 THIS WELL WILL DEEPEM AN EXISTING WELL
 PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____

Not to be filled in by driller (MDE OR COUNTY USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **GS** WRITE INITIALS IN BOX PERMIT No. **H0-94-1036**





ALS, Inc. assumes no responsibility or liability for any easements or right-of-ways, recorded or unrecorded, not appearing in the current Title Deed or Record Plat noted hereon.



NOTE: OFFSET ACCURACY - 2'±

I hereby certify that I have made a field visit of this lot for the purpose of locating the improvements thereon and that they are located as shown.

DATE: 1/28/98

George Albert Stroud III
 Reg. No. 256

LOT - 2
 ALLEN'S ACRES
 DAYTON

PLATBOOK: 12966
 5TH ELECT. DIST. HOWARD CO., MD

See attached sheet 2 of 2 for statements of advice pertinent to this plat.



LOCATION DRAWING
 # 4535 LINTHICUM ROAD

A. L. S. Inc.

194 E. Main Street Westminister, MD 21157
 (410) 857-0822

SHEET:
 1 OF 2

SCALE:
 1" = 50'

DATE:
 JAN. 28, 1998

JOB No.:
 65-97-22-1