

1200 1-7-98
Septic Inspection

well Needs Sealed Cap

11/8/98
final C.O.
10:00

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 59280

A 49054

DISTRICT 4th

DATE 12-24-97

HOWARD COUNTY HEALTH DEPARTMENT

BUREAU OF ENVIRONMENTAL HEALTH

~~XXXXXXXXXX~~

410-313-2640

DATE SYSTEM APPROVED 1/8/98

INSPECTOR [Signature]

INDEXED

Arnold's Backhoe and Septic Service

IS PERMITTED TO INSTALL ALTER

ADDRESS P.O. Box 15 Woodbine, Maryland 21797 PHONE ⁴¹⁰~~(301)~~ 795-7873

SUBDIVISION Walnut Springs LOT 10 ROAD 1262 Emmaus Road

PROPERTY OWNER John & Debbie Young

ADDRESS _____

BUILDING PERMIT SIGNED

AND RETURNED

SEPTIC TANK CAPACITY 1250 GALLONS 3-19-03 800140763-DECK

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 210

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Starting at the intersection of the 86.56' lot line and the 351.94' lot lines, start the first trench 15 feet down the 86.56' lot line and 20 feet off this same lot line. Run trenches on contour to right side of lot.

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

PLANS APPROVED BY Mark Rifkin DATE 11/14/97

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)

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

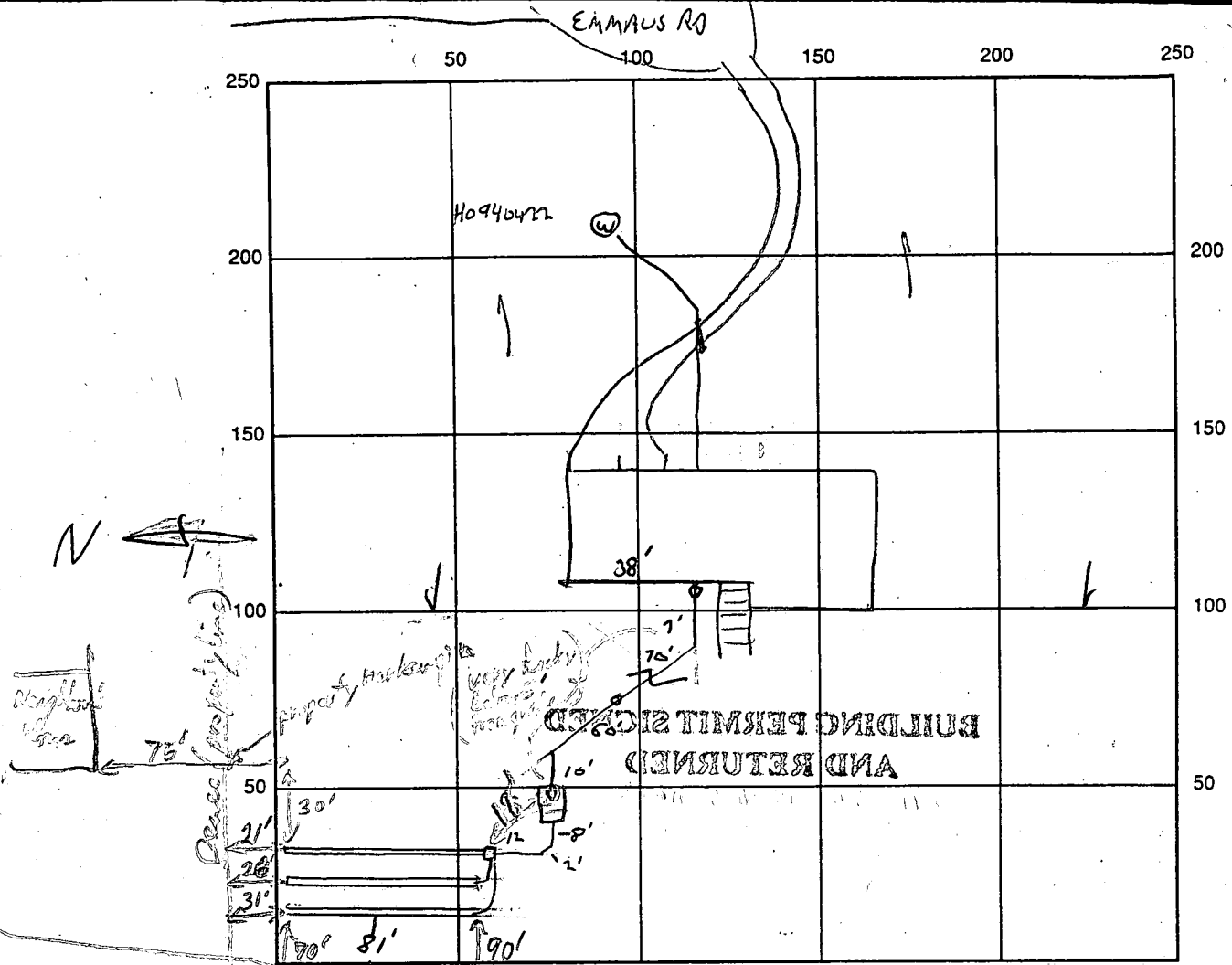
PERMIT VOID AFTER TWO YEARS

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**

49054



SEPTIC TANK LEVEL OK 1250 gal (old septic) CLEANOUTS OK

DISTRIBUTION BOX LEVEL OK House floor basement services supply line is 15 ft deep. Full 100% clean

DRAIN FIELD/TITLE DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 69/70/70 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA _____ SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 1/7/98 OK TO START 1ST 2 TRENCHES, COVER LINES + TANK,
CONTINUE, LEAVE ENDS OPEN. 1/7 1ST 2 TRENCHES COMPLETE,
GOOD, OK TO START 3RD TRENCH COVER THIS COMPLETED - RAIN EXPECTED
1/11/98 W/PF OK TO COVER - NEEDS SEALED CAP, #
CAVANAGH PLUMBING DID WELL LINE.
Note - (lots of excavator work at septic tank, done in area of trenches)

DATE SYSTEM APPROVED 1/8/98 INSPECTOR [Signature]

APPLICATION

PERCOLATION TESTING

A 49054

P _____

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

DISTRICT _____

DATE 3/16/93

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 Charles Schroyer John + Debbie Young

ADDRESS 1245 Morgan Station Rd PHONE 301 854 6217

AGENT OR PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION NONE LOT NO. X 10 on signed plat

ROAD AND DESCRIPTION EAST OF MORBAN STATION RD. SOUTH OF Rt. 70
(1262 Emmaus Road)

BLDG. PERMIT SIGNED

AND RETURNED 11-14-92

Serial # BR108738-SFD-5Bm

TAX MAP 8 PARCEL # 313

SIZE OF LOT ± 43,000 sq TYPE BLDG. SINGLE FAMILY
(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] (Brenda [Name])
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

DISAPPROVED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____

REASONS FOR REJECTION OR HOLDING 3 MAY 93 - ONE HOLE FAILED ROCK & TOO FAST RIT

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

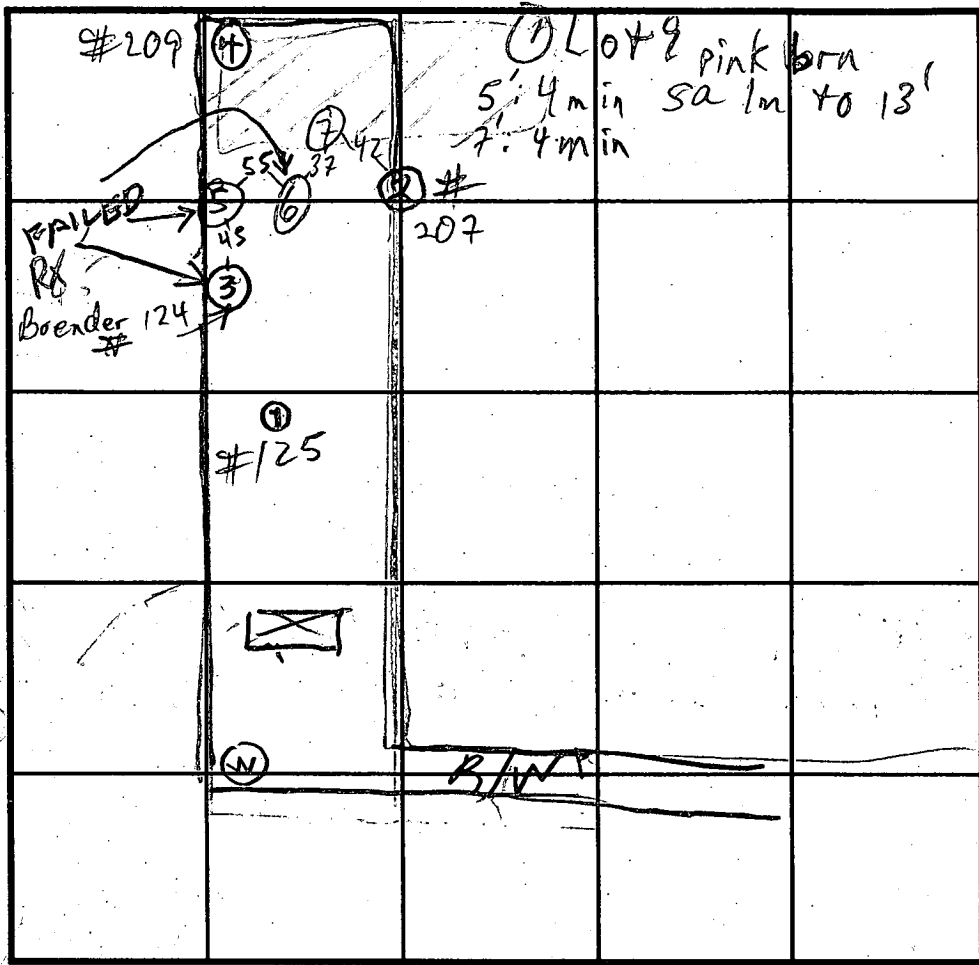
SITE DEVELOPMENT PLAN/FINAL PLAT - TITLE OR I.D. # _____ DATE _____

THIS IS NOT A PERMIT

49054

COUNTY #

Lot 11
 SOIL PROFILE
 26 (1) 25
 TOPSOIL CLAY
 446
 BROWN SAND LOAM
 20% SAPROLITE



28 (4)
 SOIL PROFILE
 0' TOPSOIL CLAY
 3' BROWN SAND LOAM
 10% SAPROLITE

12.5
 6
 4 1/2 25
 TOPSOIL
 brn red
 sa cl
 15% frags
 brn org
 sa lm
 10-15% non-struct frags
 NO HARD BOT

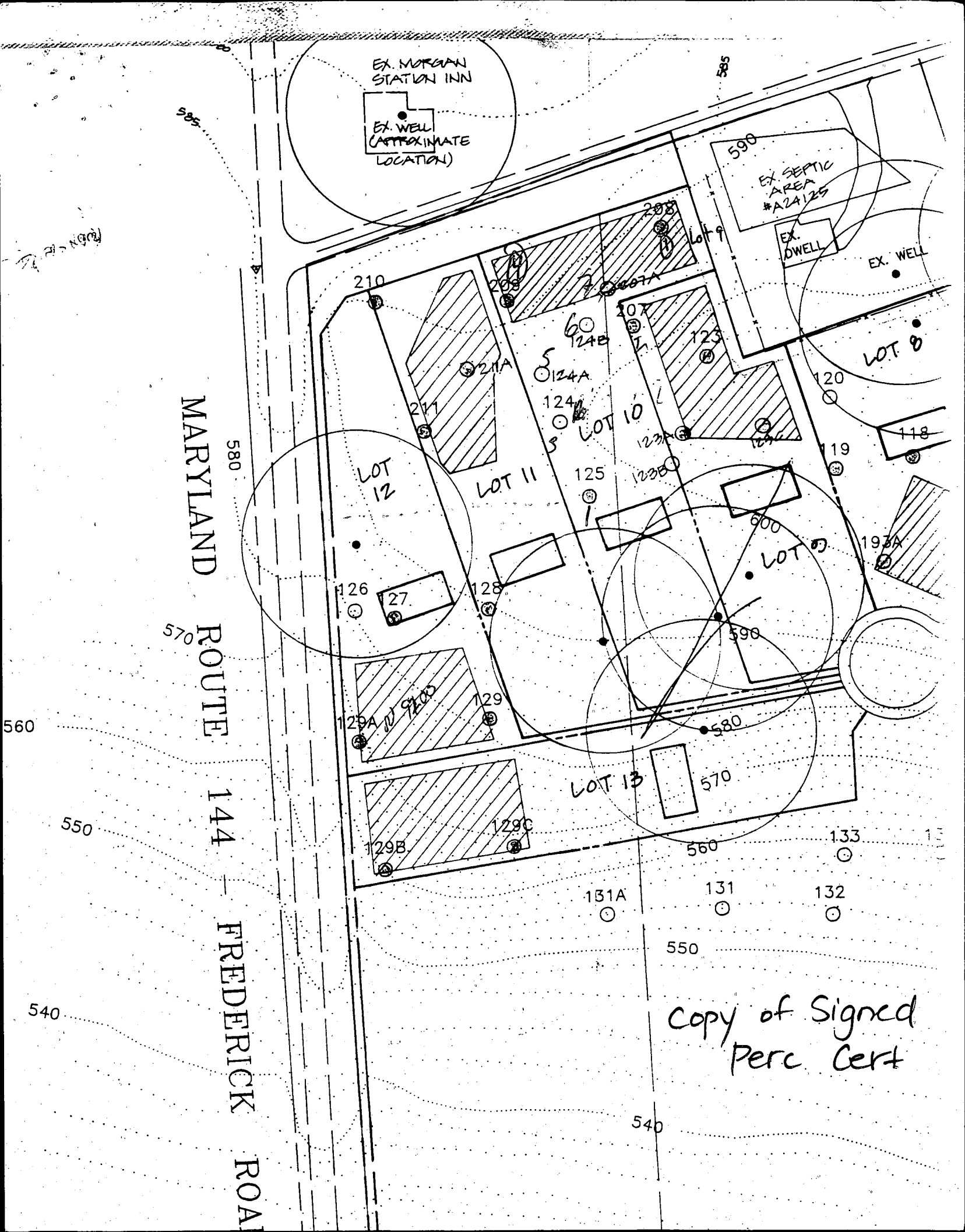
14
 8
 10 1/2 11
 brn sa
 brn cl loam
 45-50% structured frags
 brn sa lm
 30-35% struc. frags

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/3/93	1S	4.5	1154	1159	1159	1205	6	
	1D	7	1157	1159	1159	1205	6	
5/3/93	1V	12.5	OK					
	2S	4	1115	1154	1117	1120	3	
10 1/2 11	2V	16 1/2	OK	NEED BELOW 8FT				
	3D	7 1/2	1120	1122	1123	1125	3	
27	3S	4	1120	102 inch	20 sec	2nd and 4th		
	3S	4	1125	1st inch	40 sec	2nd inch	70 sec	
27	3V	1 1/2	TOO FAST & 50% ROCK FAIL					
	4S	4	1140	1152	1152	108	16	
27	4D	7.5	1140	1152	1152	108	16	
	4V	14	OK					
8/4/93	RES	5	105	202	105	105		
	5V	10 1/2-11	see	profile	HARD BOT			

REMARKS: 6V 8 1/2 FAIL 15 " 40%+ frags
 TYPE OF SOIL: SANDY & ROCKY 7V 10 1/2-11 see profile thruout
 TESTED BY: R HODGES ALSO PRESENT: FLOCK MEN
 TRENCH DESIGN DATA: AVERAGE PERCOLATION TIME: 11 TRENCH WIDTH: 2
 INLET DEPTH: 4 MAXIMUM BOTTOM DEPTH: 8 SQ. FT./BEDROOM: 210

0
 27 (3)
 TOPSOIL
 CLAY
 27
 BROWN SAND LOAM
 50% SAPROLITE



EX. MORGAN STATION INN

EX. WELL (APPROXIMATE LOCATION)

EX. SEPTIC AREA #A24125

EX. DOWELL

EX. WELL

MARYLAND ROUTE 144

FREDERICK ROAD

LOT 12

LOT 11

LOT 13

LOT 10

LOT 9

LOT 8

595

585

580

570

560

550

540

210

211

126

129A

129B

129

129C

211A

124A

124B

125

131A

131

132

133

550

540

Copy of Signed Perc Cert

590

120

119

118

193A

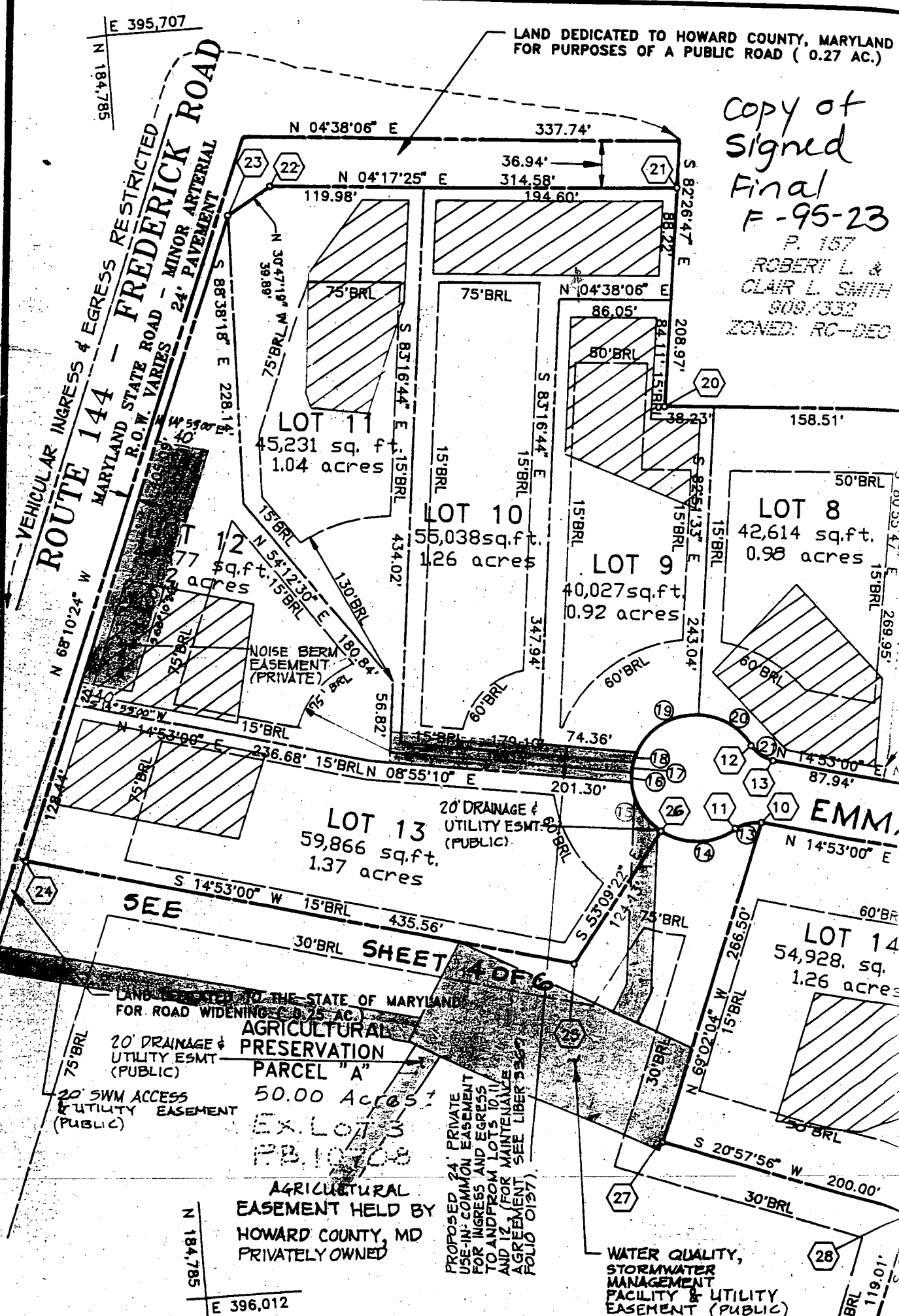
590

580

560

LAND DEDICATED TO HOWARD COUNTY, MARYLAND FOR PURPOSES OF A PUBLIC ROAD (0.27 AC.)

Copy of Signed Final F-95-23 P. 157 ROBERT L. & CLAIR L. SMITH 508/332 ZONED: RC-DEC



VEHICULAR INGRESS & EGRESS RESTRICTED ROUTE 144 - MARYLAND STATE ROAD - R.O.N. VARIES - FREDERICK ROAD - MINOR ARTERIAL - 24' PAVEMENT

LOT 11 45,231 sq. ft. 1.04 acres

LOT 10 55,038 sq. ft. 1.26 acres

LOT 9 40,027 sq. ft. 0.92 acres

LOT 8 42,614 sq. ft. 0.98 acres

LOT 13 59,866 sq. ft. 1.37 acres

LOT 14 54,928 sq. ft. 1.26 acres

LAND DEDICATED TO THE STATE OF MARYLAND FOR ROAD WIDENING (0.25 AC.)

AGRICULTURAL PRESERVATION PARCEL "A" 50.00 Acres EX. LOT 3 RB. 10/08

AGRICULTURAL EASEMENT HELD BY HOWARD COUNTY, MD PRIVATELY OWNED

PROPOSED PRIVATE USE-IN-COMMON EASEMENT FOR INGRESS AND EGRESS TO AND FROM LOT 10 AND LOT 11 (FOR MAINTENANCE AGREEMENT SEE LIBER 5022 FOLIO 0132)

WATER QUALITY, STORMWATER MANAGEMENT FACILITY & UTILITY EASEMENT (PUBLIC)

20' SWM ACCESS & UTILITY EASEMENT (PUBLIC)

20' DRAINAGE & UTILITY ESMT (PUBLIC)

20' DRAINAGE & UTILITY ESMT (PUBLIC)

NOISE BERM EASEMENT (PRIVATE)

E 395,707 N 184,785

E 396,012 N 184,785

EMERGENCY/TEMP NO. IF ANY

B 1 **4443**

SEQUENCE NO.
(DP USE ONLY)

STATE OF MARYLAND
APPLICATION FOR PERMIT TO DRILL WELL
please print or type

STATE PERMIT NUMBER

HO-94-0422
fill in this form completely

Date Received (APA)

03/16/95

OWNER INFORMATION

SEHROYER CHARLES
Last Name Owner First Name
1245 MORGAN STATION RD.
Street or RFD
WOODBINE MD 21797
Town 70 State 72 Zip 76

DRILLER INFORMATION

Joseph L. MAYNE
Driller's Name
Joseph L. Mayne Well Drilling
Firm Name
5512 RIDGE RD. Mt. Airy MD 21771
Address
Joseph L. Mayne 3/15/95
Signature Date

MSD/MGD/MWD

24
License No. 80

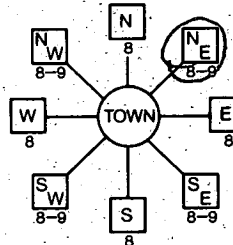
B 3

LOCATION OF WELL

HOWARD
COUNTY
WALKUT SPRINGS
SUBDIVISION
SECTION **10** LOT **10**
LISBON
NEAREST TOWN
MILES FROM TOWN (enter 0 if in town) **1** MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Emmard R.D.
NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



90
DISTANCE FROM ROAD
ENTER FT OR MI **FT**

TAX MAP: **8** BLK: **8** PARCEL **313**

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)

- 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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard
COUNTY NAME

A49054
COUNTY NO.

STATE SIGNATURE **Mark E. Riffin** DATE ISSUED **3/30/96**
NORTH GRID **546000** EAST GRID **0786000**

APPROXIMATE DEPTH OF WELL **260** 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
other _____

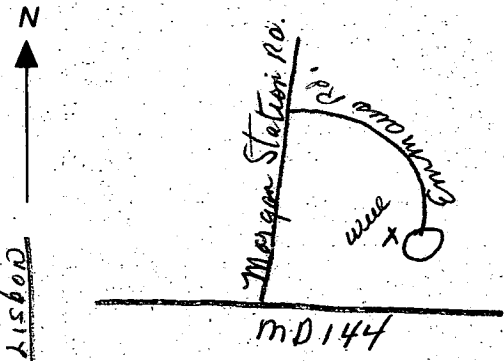
REPLACEMENT OR DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- 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) _____

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

4/26/95 9=30 GROUT
76' CASING OK
62' OPEN * ORSD NOT LOC
17' BAGS OK
1' CASING A.G. MP
TAG OK 4/26/95

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



APPROX. PERMIT NUMBER **GAP**

FORCE **MR** PERMIT No. **HO-94-0422**

SPECIAL CONDITIONS

NOTE = APPROVING AUTHORITIES SHOULD USE SEPARATE SHEET IF NEEDED =

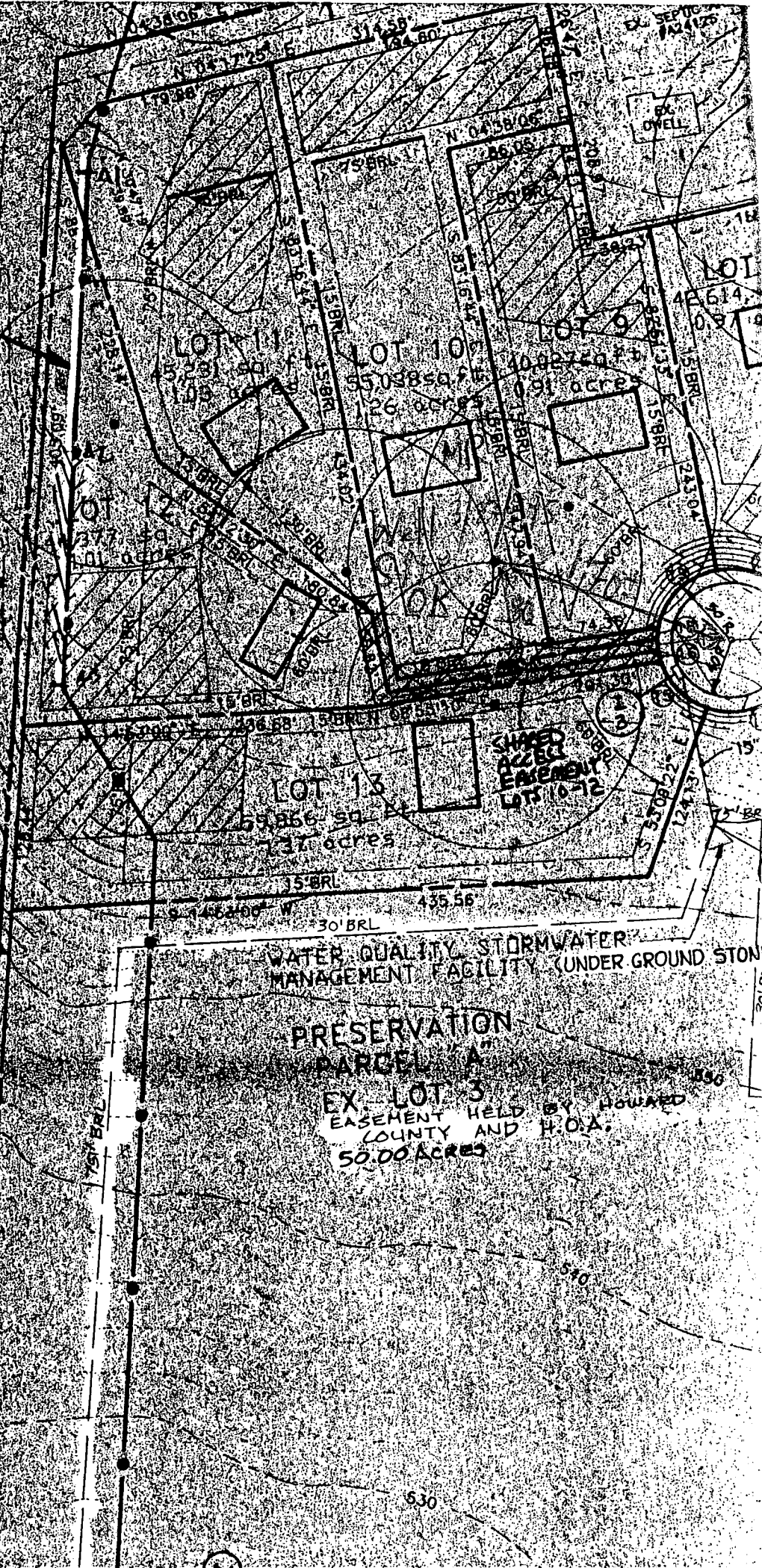
CLOSED BARRIER "A"

CONFORM WITH
YEAR 2010
DESIGNED BY PROPERTY
HERE (100' x 100' A)

ROUTE 144 - FREDERICK ROAD

MARYLAND STATE ROAD - MINOR ARTERIAL
R.O.V. VARIES 24' PAVEMENT

VEHICULAR ACCESS/EGRESS RESTRICTED



SHARED ACCESS EASEMENT
LOTS 10-13

WATER QUALITY STORMWATER
MANAGEMENT FACILITY (UNDER GROUND STONE)

PRESERVATION
PARCEL "A"
EX. LOT 3
EASEMENT HELD BY HOWARD
COUNTY AND H.O.A.
50.00 ACRES

630

C1 3676

SEQUENCE NO. (DENY 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)

COUNTY NUMBER A49054

ST/CO USE ONLY DATE Received

DATE WELL COMPLETED

Depth of Well 480 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" 40-94-0922

OWNER Schroyer Charles last name first name STREET OR RFD Emmars Rd TOWN Lisbon SUBDIVISION WALNUT SPRINGS SECTION LOT 10

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Entries: Brown Shale 0-72, Blue Rock 72-480.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 17, NO. OF POUNDS 7598.

CASING RECORD: casing types insert appropriate code below. MAIN CASING TYPE SF, Nominal diameter 6, Total depth 76.

OTHER CASING (if used) diameter inch, depth (feet) from to.

SCREEN RECORD: screen type or open hole insert appropriate code below. ST, BR, HO, PL, OT.

IN HARD ROCK AREAS, IDENTIFY SPECIFICALLY WHERE SATURATED FRACTURES WERE OBSERVED. WELL HYDROFRACTURED (Y).

CIRCLE APPROPRIATE LETTER: A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED.

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...

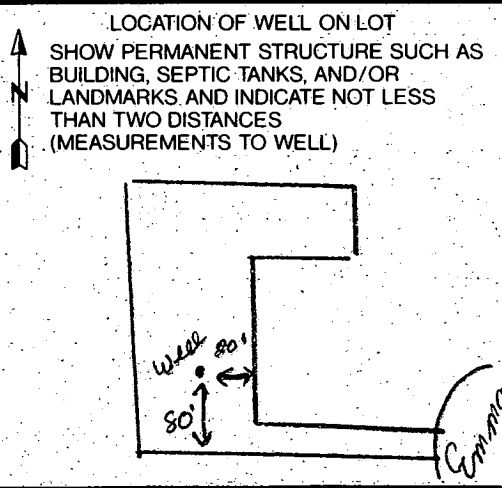
DRILLERS IDENT. NO. 24, DRILLERS SIGNATURE Joseph Mayne, SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee).

DEPTH (nearest ft.) table with rows for EACH SCREEN and columns for depth intervals. Includes SLOT SIZE and DIAMETER OF SCREEN.

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

PUMPING TEST: HOURS PUMPED 6, PUMPING RATE 1.1, METHOD USED TO MEASURE PUMPING RATE Bucket, WATER LEVEL 46, WHEN PUMPING 401, TYPE OF PUMP USED submersible (S).

PUMP INSTALLED: DRILLER WILL INSTALL PUMP YES (NO), TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE: S.



WALNUT SPRINGS
 LOTS 4 THROUGH 19 & 21 THROUGH 24
 AND PRESERVATION PARCEL C
 PLAT 11823
 SHEET 2 of 2
 4th ELECTION DISTRICT

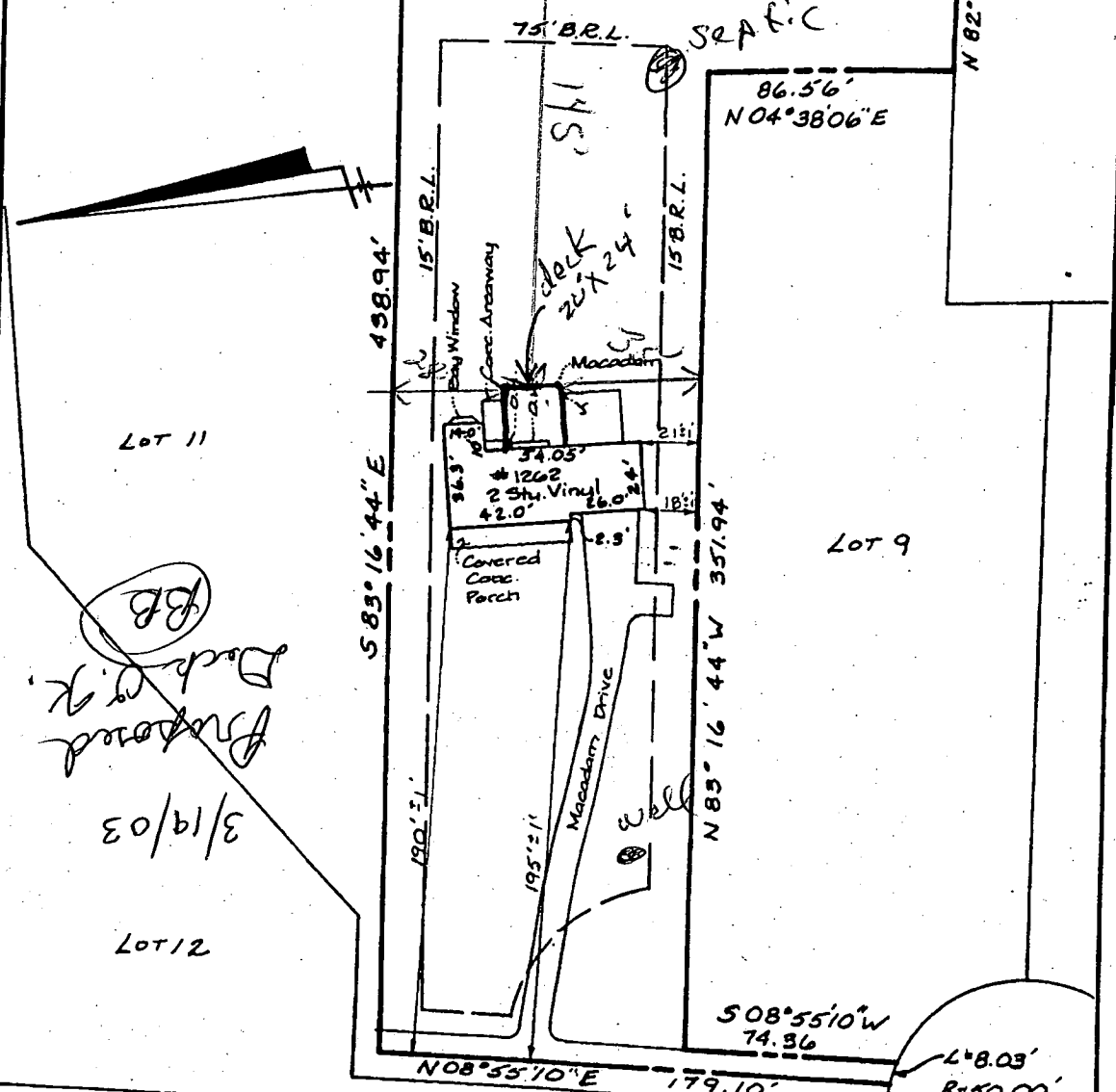
THIS PLAT CANNOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

HOWARD COUNTY
 MARYLAND

504°17'25"W 194.69'

LOT 10
 55,642 ~~sq~~
 1.28 ACRES

N 82°35'07"W



scale 66.99' in
 3/19/03
 BB
 Deck Driv

NOTE:
 THIS LOCATION DRAWING MEETS
 CHAPTER 06.06 E 3C ACCURACY STANDARDS
 LOCATION SURVEY PLAT
 SUBJECT PROPERTY NOT LOCATED IN A FLOOD PLAIN AREA UNLESS OTHERWISE NOTED Updated 5-27-08
 TOP WALL ELEV. 600.89'

CERTIFICATION	SEAL	SCALE: 1"=50' DATE: 12-11-97
This is to certify that I have surveyed the property known as: <u>1262</u> <u>EMMAUS ROAD</u> for the purpose of locating the im- provements thereon, and the improvements are located as shown.		LDE Inc. 9250 Rumsey Road Suite 106 Columbia, Maryland 21045 (Balt.) 410-715-1070 (Wash.) 301-596-3424 (FAX) 410-715-9540