

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 5/26/81

INDEX

Olen Ketterman

IS PERMITTED TO INSTALL X ALTER

ADDRESS 14960 Frederick Road, Woodbine, Md. 21797

PHONE 442-1336

SUBDIVISION _____ ROAD Route 32 LOT 8-G

PROPERTY OWNER Mike Macer

ADDRESS 3241 Yosemite Avenue, Baltimore, Maryland 21215

SPECIFICATIONS 3 bedrooms

SEPTIC TANK CAPACITY 1000 GALLONS

DRAIN FIELD _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

DEEP TRENCH _____ DEPTH _____ FEET, BOTTOM AREA _____ SQ. FT.

SEEPAGE PITS _____ ABSORBENT SIDE-WALL AREA _____ SQ. FT.

INLET PIPE _____ FT. BELOW ORIGINAL GRADE, MAXIMUM DEPTH _____ FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT _____ FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA _____ FT. FROM _____ LOT LINE AND _____ FT. FROM _____ LOT LINE AS SEEN WHEN

TRENCHES - FACING LOT FROM
2 ft. wide; inlet at 3 ft. below original grade; maximum depth 10½ ft. below
original grade. Effective area begins at 3 ft. below original grade. 7½ ft.
of stone below distribution pipe. Start trench at a point 100 ft. from the left (614.25')
lot line and 50 ft. from the rear (453.9') lot line as seen when facing the lot from the
right-of-way. Run trench on level ground towards the left rear lot corner. NOTE: No
trench to exceed 100 ft. in length. If more than one trench used, a distribution box is
required. Trenches to be installed on level ground. 155 sq. ft. per bedroom in system.
Minimum total sq. ft. for 3 bedrooms is 475 sq. ft.

PLANS APPROVED BY Stephen Kiel and Frank Skinner

DATE 5/26/81

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: IF TRENCH IS USED CALL FOR INSPECTION BEFORE PLACING GRAVEL IN TRENCH.

NOTE: NO DRY WELL SHALL EXCEED 15 FOOT IN DIAMETER.

NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE 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 ACCEPTED.

BLDG. PERMIT SIGNED

AND RETURNED 8/3/81

for S.F.D. # 47302

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

BLDG. PERMIT SIGNED

AND RETURNED 5/18/89

Serial # 23053

3 car garage
finish room

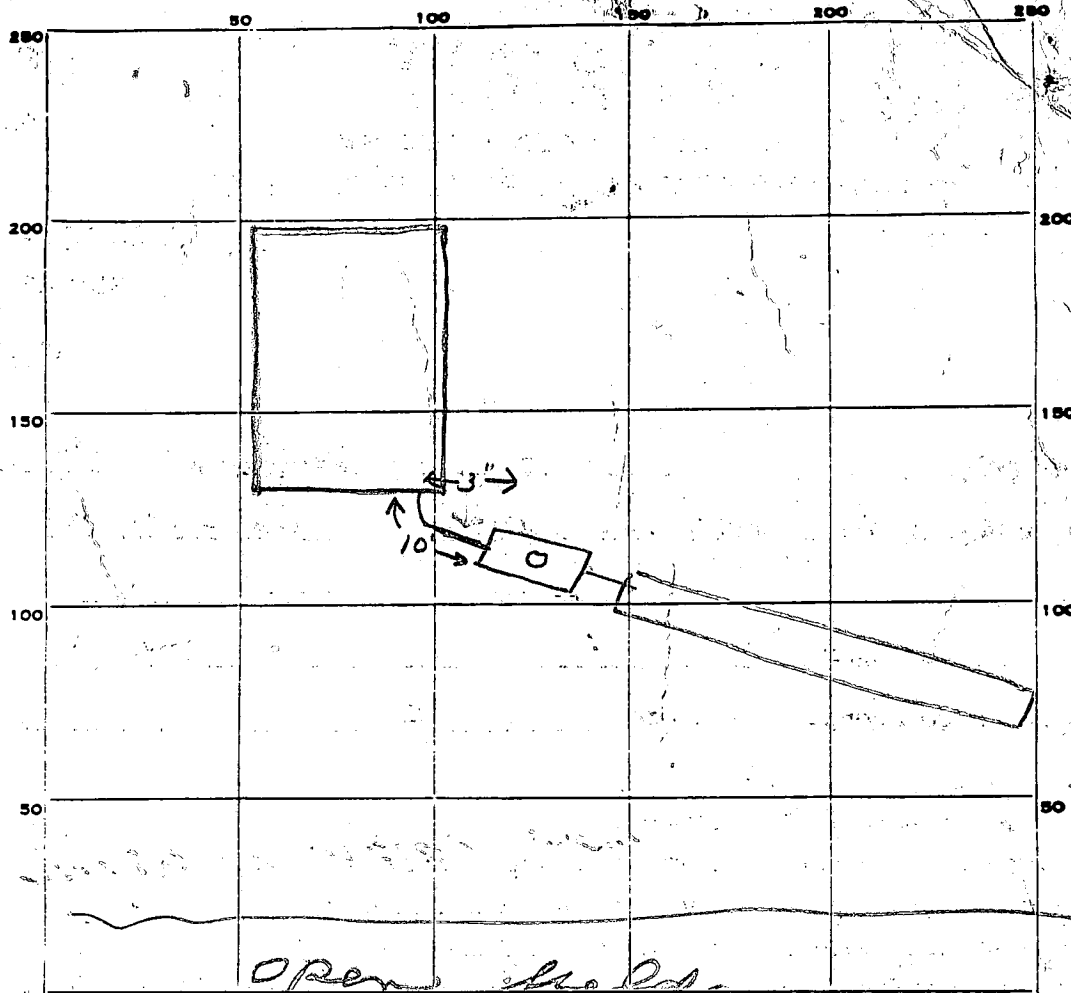
BLDG. PERMIT SIGNED

AND RETURNED 9/4/85

Serial # 64066 Prod.

EH-2-1079

155
3
465



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

SEPTIC TANK, LEVEL ☒

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL ☒

TILE FIELD, DEPTH 10 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 7 IN. TOTAL LENGTH 70 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 490

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET _____ FT.

ABSORBENT AREA 490 SQ. FT.

REMARKS 5/27/81 OK to add gravel in trench. jf
5/27/81 OK to cover work to septic tank.
Must see house connection - call jf
11/4/81 Final OK jf

DATE SYSTEM APPROVED 11/4/81

INSPECTOR Stayer

Subdivision: EMERY Property
Rt 32

Lot # 83

155 sq. ft./bdrm

TRENCHES

	<u>SEPTIC TANK</u>	<u>Minimum Total Sq. Ft.</u>
3 bdrm	1000 GAL.	<u>475</u>
4 bdrm	1250 GAL.	<u>620</u>
5 bdrm	1500 GAL.	<u>775</u>

TRENCH 2 WIDTH

INLET 3 ft below ORIGINAL GRADE

MAXIMUM DEPTH 10 1/2 ft below ORIGINAL GRADE

EFFECTIVE AREA BEGINS AT 3 ft below ORIG. GD.

1 1/2 ft OF STONE below distribution pipe.

NOTE: ① NO TRENCH TO EXCEED 100 ft IN LENGTH

② IF MORE THAN ONE TRENCH USED, A distribution box is REQUIRED

③ TRENCHES TO BE INSTALLED ON LEVEL ground.

LOCATION: Start Trench ~~at~~ at a pt 100' from the left (614.25') lot line and 50' from the rear (453.9') lot line as seen when facing the lot from the right of way. Run trench on level ground towards the left rear lot corner.

approved by S. Kiel & F. Skinner
5/26/81

APPLICATION

A26661

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

DISTRICT 3
DATE 8/15/77

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 Ray Emery Mike Macer

ADDRESS 5075 Ilchester Rd. PHONE 747-1568

PROPERTY LOCATION 3241 Erosenite Avenue, Balto., Md. 21215

SUBDIVISION Indian Hills LOT NO. 82 (New 86)

ROAD AND DESCRIPTION direction Route 32 to Indian Hill Drive Right on

Indian Hill Drive about 1 mile to wooded property on right.

SIZE OF LOT 1.80 TYPE BLDG. 3 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC FACILITIES BECOME AVAILABLE

SIGNATURE OF APPLICANT [Signature]

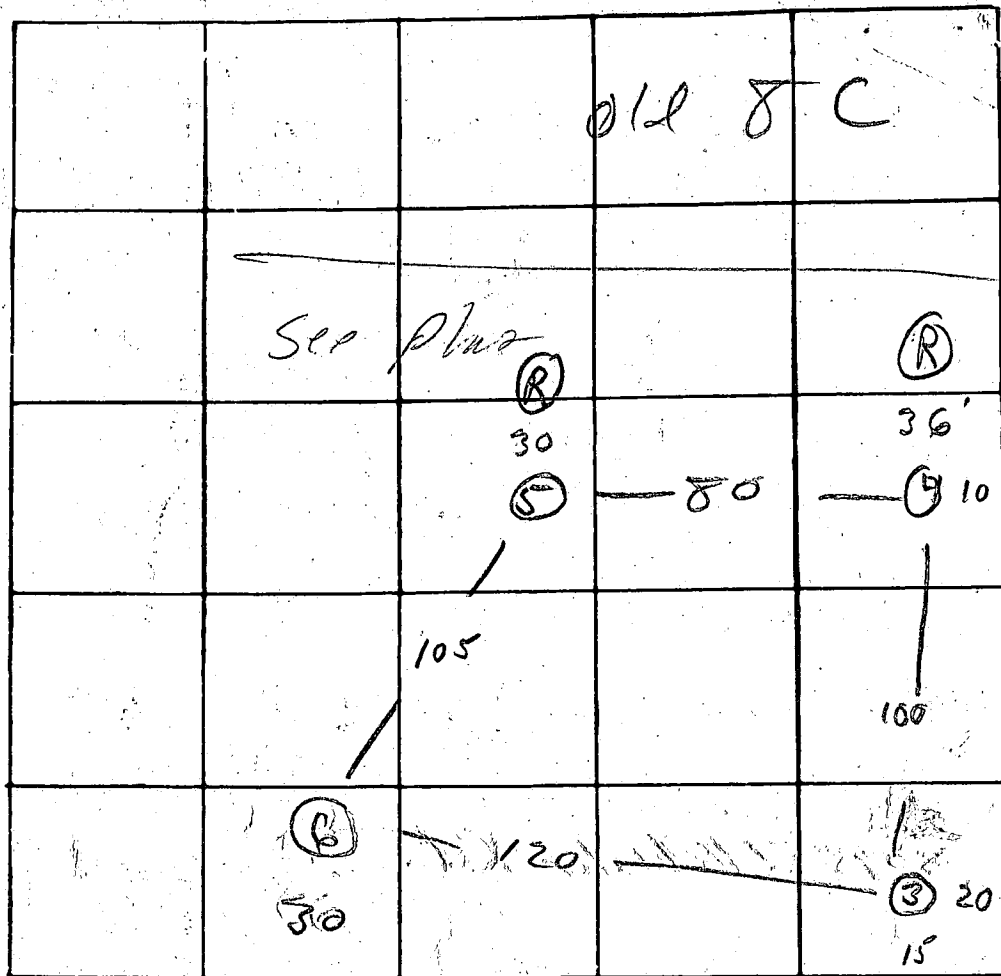
APPROVED BY [Signature] FOR 2-81 DATE 11/28/99
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Zepp's Field.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
11/17	2	8' Rock	2 3'				
	1	9' Rock					
	4/s	3'	2 34	2 36	2 36	2 41	5
	d	11'	2 34	2 39	2 34	2 44	10
	3	OK 3-11' Silty loam					
	5s	2'	3 00	3 01	3 01	3 04	3
	a	12'	3 00	3 04	3 04	3 12	8
	6s	2	3 10	3 10	3 10	3 12	2
	d	11	3 10	3 13	3 13	3 20	7

REMARKS

System First

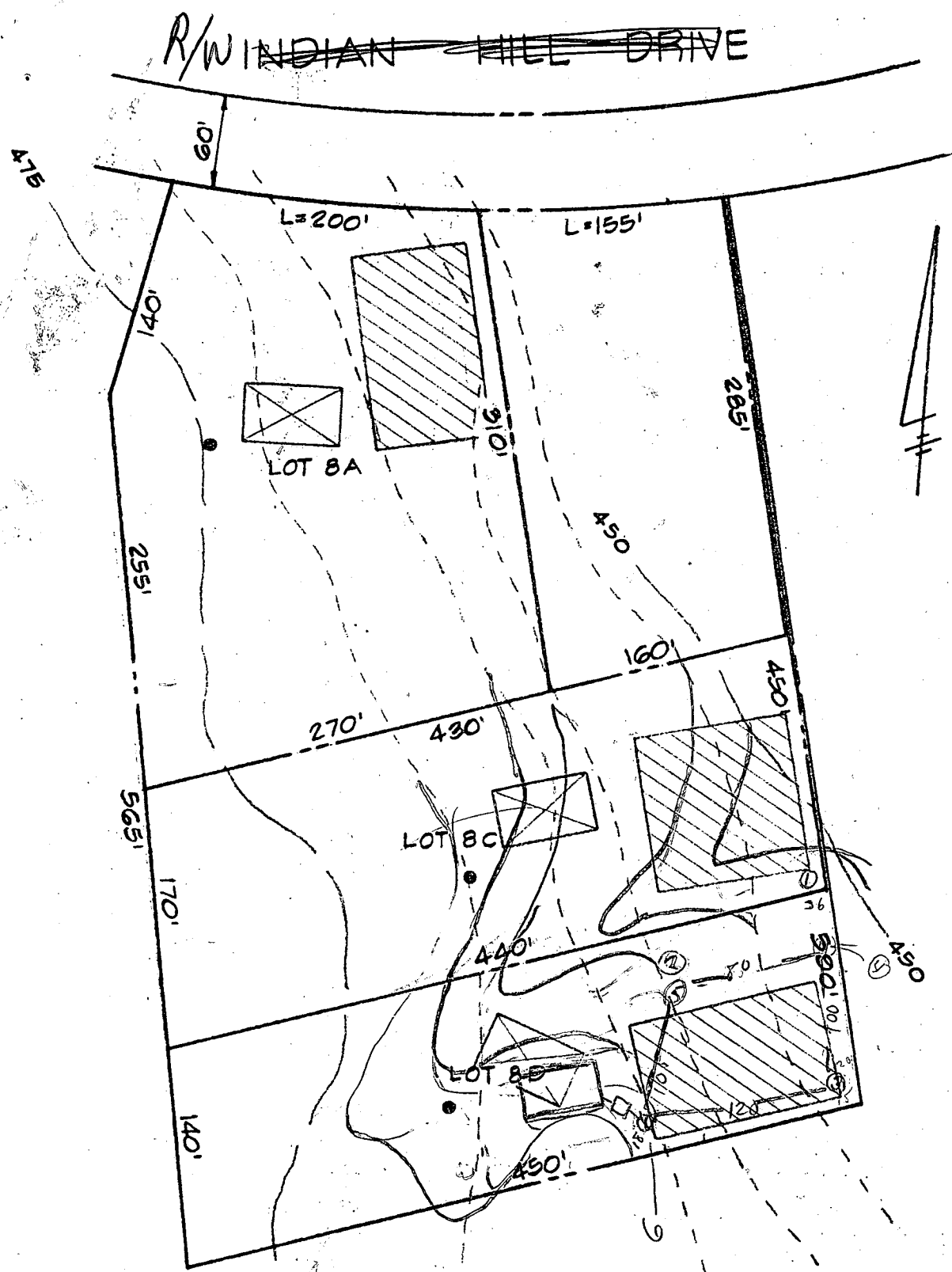
TYPE OF SOIL

TESTED BY

DJO

ALSO PRESENT:

OWH/V



NOTE:

TOPO SHOWN HEREON IS BASED ON
U.S.G.S. TOPOGRAPHIC SURVEY MAPS.

TITLE

PERCOLATION TEST PLAT

PROJECT

EMORY PROPERTY - LOTS 8A, 8C & 8D

LOCATION

3RD ELECTION DISTRICT

HOWARD CO., MD.

DATE:

AUG. 1977

DESIGN BY:

-

DRAWN BY:

J.J.B.

CHECKED BY:

D.M.B.

SCALE:

1" = 100'

JOB NO.:

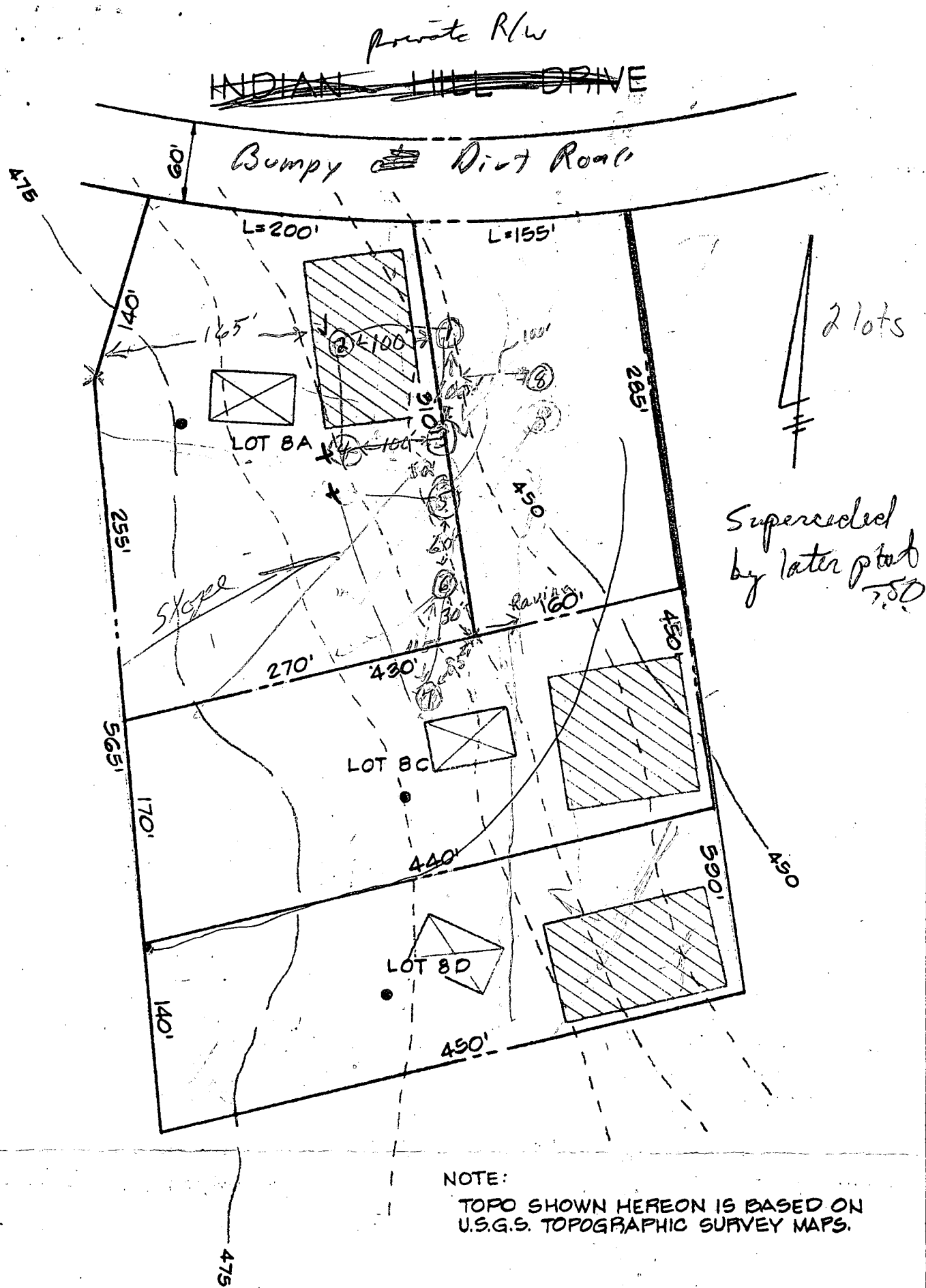
77173-1

DRAWING NO.:

1 OF 1

boender associates

engineers
surveyors
planners



TITLE PERCOLATION TEST PLAT			
PROJECT EMERY PROPERTY - LOTS 8A, 8C & 8D			
LOCATION 3RD ELECTION DISTRICT		HOWARD CO., MD.	
DATE: AUG. 1977	DESIGN BY: -	DRAWN BY: J.J.B.	CHECKED BY: D.M.B.
SCALE: 1" = 100'	JOB NO.: 77173-1	DRAWING NO.: 1 OF 1	

boender associates

engineers
surveyors
planners

Ts MP. RT. 32

PRIVATE

DRIVE

Tax Map No. 9

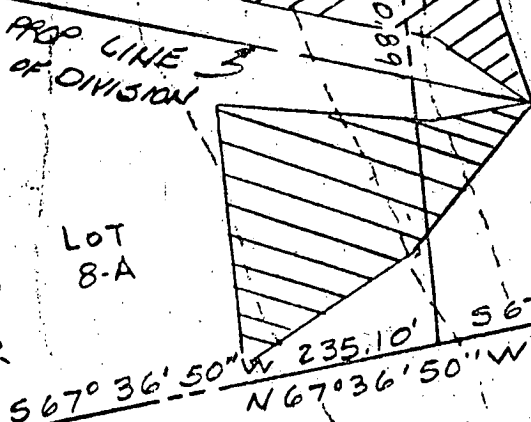
Parcels 291 & 292

(475)

N 12° 10' 10" E 12.54'

PROP LINE 3 OF DIVISION

LOT 8-A



LOT 8-B

180.00'

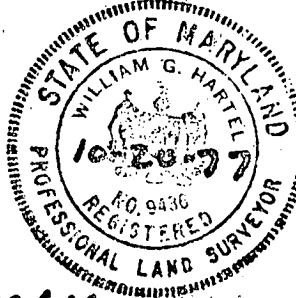
S 67° 36' 50" W 235.10' N 67° 36' 50" W 415.10'

LOT 8-C

S 67° 36' 50" W 434.55'

LOT 8-D

S 67° 36' 50" W 454.00'



William G. Hartel

(450)

NOTE: PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED.

NOTE:

TOPO SHOWN HEREON IS BASED ON U.S.G.S. TOPOGRAPHIC SURVEY MAPS. THE LOT SHOWN HEREON COMPLIES WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.

APPROVED FOR PRIVATE WATER AND PRIVATE SEWAGE SYSTEMS. HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER DATE

TITLE PERCOLATION TEST PLAT			
PROJECT EMORY PROPERTY - LOTS 8A, 8B			
LOCATION 3RD ELECTION DISTRICT		HOWARD CO, MD.	
DATE: 1977	DESIGN BY: -	DRAWN BY:	CHECKED BY: D.M.B.
SCALE: 1" = 100'	JOB NO.: 77179-1	DRAWING NO.: 1 OF 1	

boender associates

engineers
surveyors
planners

9/20/77

Ray Emery Property, Lots 8A & 8B Indian Hills

9/20/77		Depth	Pre-wet	Test	Time	Soil
Hole # 1	1s	3 1/2'	1115-1125	1125-1147	22	0-4' clay
	1d	12 1/2'	1115-1130	1130-1153	23	4-12' clayey-sand to rotten rock 12 1/2' Hard, broken rock
(High Hole) #2	2s	3 1/2'	1119 -	1124	3.3 (1/3 total)	0-5 Clayey-sand
	2d	12 1/2'	1119-1124	1124-1130	6	5-6 clay (from sand) 6-12 1/2' clayey-sand 12 1/2' rock
#3	3s	4'	1135	1144	6 (1/3 total)	0-12 clayey-sand going to rotten rock
	3d	12'	1135-1143	1143-1200	17	12 Rock
#4		9'	Rock			0-9 clayey sand #9' rock
#5	5s	4'	1204 -	1213	6 (1/3 total)	0-4 clay
	5d	12 1/2'	1204 -	1211	5 (1/3 total)	4-12 clayey-sand 12-12 1/2' rotten rock to rock
#6	6s	4 1/2'	1218-1220	1220-1225	5	0-13 clayey-sand
	6d	13'	1210 -	1215	3 (1/3 total)	
#7	7s	4 1/2'	1230-1236	1236-1244	8	Clayey-sand
	7d	11'	1230-1237	1137-1143	6	Rock @ 11 1/2'
(Low Hole) #8		11 1/2'	Visual			0-11' Clayey Sand 11-11 1/2' Rotten Rock 11 1/2' Rock (No water)

11/10/77
Hole # Depth

9 13' 0-13' ~~to~~ Visual: porous clayey sand
20' below Hole # 11 which was rock at 9'

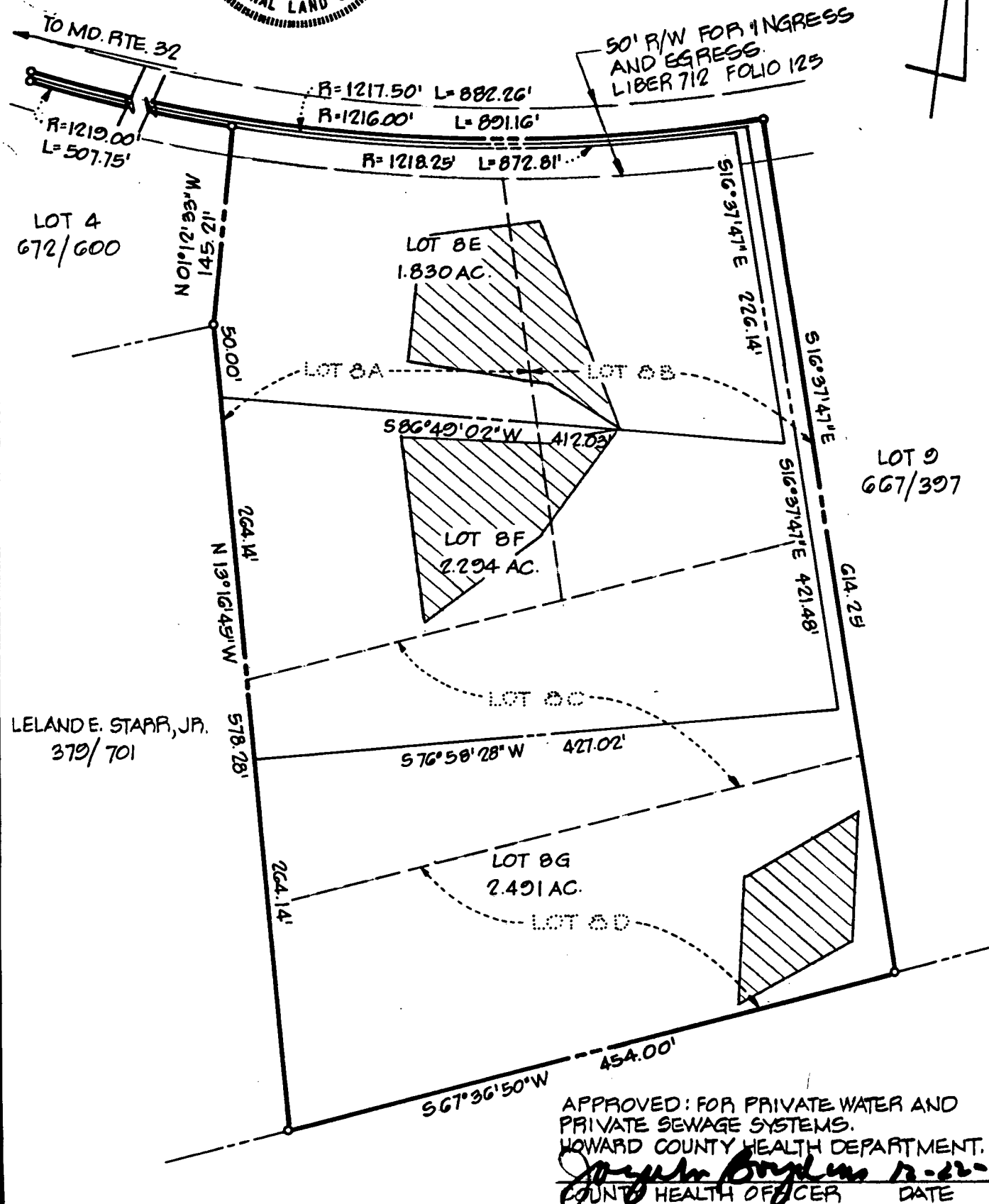
10 13' 0-13' Visual, 25' below Hole # 4
porous clayey sand to 13', rotten rock at 13'

2/20/77

11 9' Visual 0-9 clayey sand, 9' rock.

NOTES:

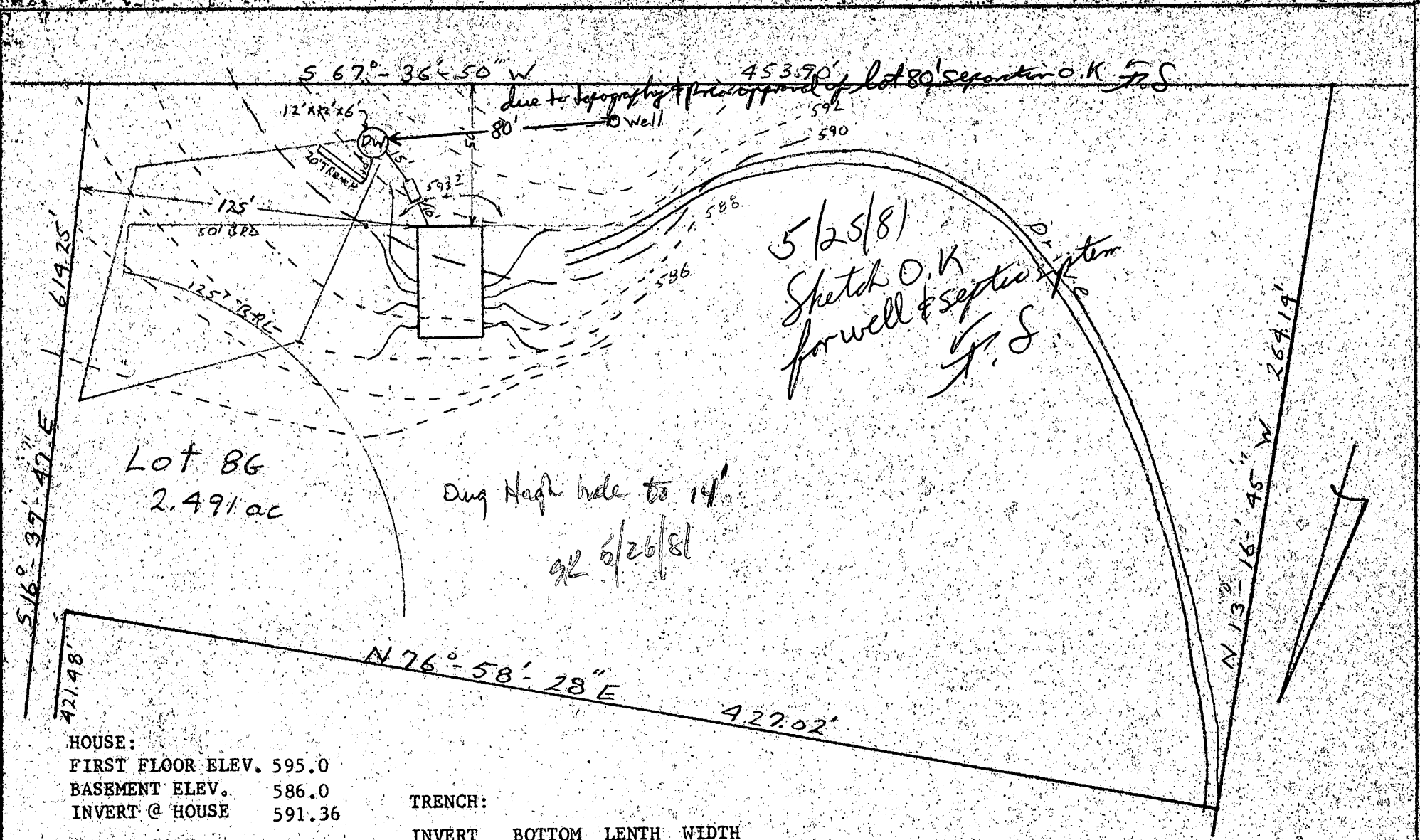
1. PERCOLATION TEST HOLES SHOWN HEREON HAVE BEEN FIELD LOCATED.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREAS AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.



TITLE PERCOLATION TEST PLAT			
PROJECT EMERY PROPERTY - LOTS 8E, F AND G			
LOCATION 3RD ELECTION DISTRICT		HOWARD CO., MD.	
DATE: DEC., 1977	DESIGN BY:	DRAWN BY: J.J.B.	CHECKED BY: W.G.H.
SCALE: 1"=100'	JOB NO.: 77173	DRAWING NO.: 1 OF 1	

boender associates

engineers
surveyors
planners



HOUSE:
 FIRST FLOOR ELEV. 595.0
 BASEMENT ELEV. 586.0
 INVERT @ HOUSE 591.36
 SEPTIC TANK:
 EXISTING GRADE 592.2
 PROPOSED GRADE 593.8
 INVERT OF TANK 591.16
 DRY WELL:
 EXISTING GRADE 593.0
 PROPOSED GRADE 593.0
 INVERT 591.0

TRENCH:

INVERT	BOTTOM	LENTH	WIDTH
589.0	583.0	20'	2'

I certify the above measurements
 & elevations are actual and true
 for this property.

J. Carl Hudgins
 J. Carl Hudgins

GRADING STUDY

LOT 8G

EMERY PROPERTY

PLAT C.M.P. 4132

3rd. ELECTION DISTRICT

HOWARD COUNTY MARYLAND

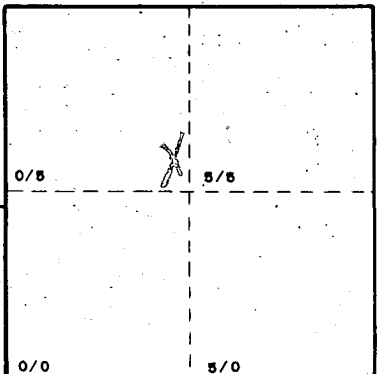
SCALE 1"=50' DATE 5/8/81

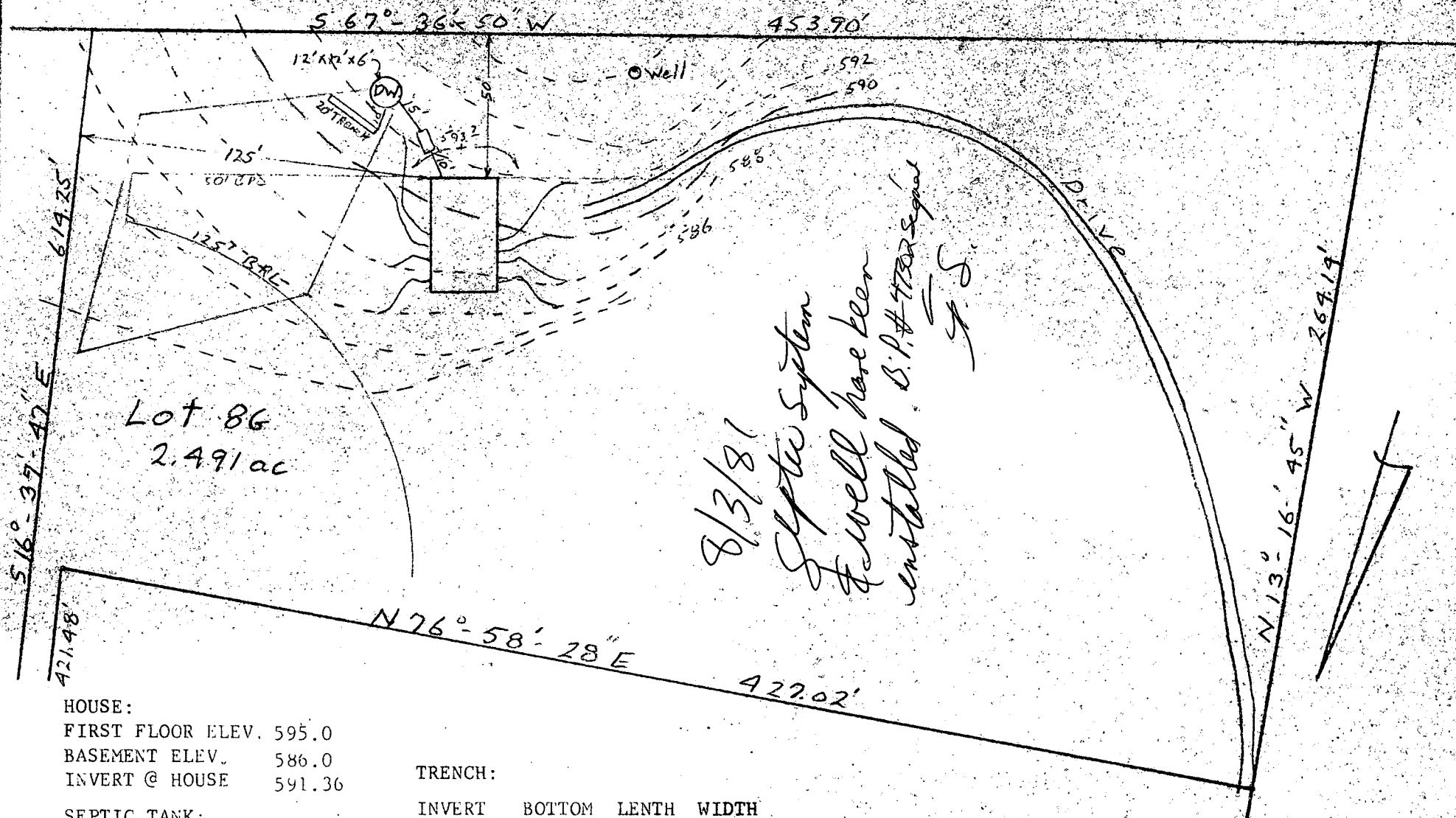
STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL		WRA PERMIT NUMBER <u>40-73-3923</u> FILL IN THIS FORM COMPLETELY												
B 1 <u>5527</u> 1 2 3 (SEQ. NO.) 6 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS) SEQUENCE NO. (WRA USE ONLY)														
DATE RECEIVED (WRA USE ONLY) <u>7/16/81</u> 9:30 OWNER <u>MACEK</u> COL 15 LAST NAME FIRST NAME <u>MIKE</u> COL. 34 STREET OR RFD <u>3041 JOSEPHINE AVENUE</u> COL 36 COL. 55 POST OFFICE <u>Beltsville Md. 21115</u> COL 57 COL. 76														
B 1 CONTINUED DRILLER INFORMATION 1 2 3 (SEQ. NO.) 6 DATE <u>May 28, 1981</u> LICENSE NUMBER <u>273</u> RALPH MAYNE FIRST NAME DRILLER LAST NAME SIGNATURE <u>Ralph Mayne</u>		B 3 LOCATION OF WELL 1 2 3 (SEQ. NO.) 6 COUNTY <u>Howard County</u> (DO NOT ABBREVIATE COUNTY NAME) SUBDIVISION <u>Trinityville Emergency</u> SECTION <u>23</u> LOT <u>2</u> NEAREST TOWN <u>West Friendship</u> MILES FROM TOWN (ENTER 0 IF IN TOWN) <u>1 1/2</u>												
B 2 WELL INFORMATION 1 2 3 (SEQ. NO.) 6 MAXIMUM PUMPING RATE (GALLONS PER MINUTE) <u>5</u> AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) <u>500</u> USE FOR WATER (CIRCLE APPROPRIATE BOX) ☒ HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) ☐ FARMING, AGRICULTURE, IRRIGATION ☐ INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOVERNMENT. ☐ MUNICIPAL WATER SUPPLY ☐ PRIVATE WATER COMPANY ☐ TEST MUST HAVE STATE HEALTH DEPT. APPROVAL		B 4 DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) <table border="1" style="width:100%; text-align: center;"><tr><td>☒ NORTH</td><td>☐ EAST</td><td>☐ N E</td><td>☐ S E</td></tr><tr><td>☐ SOUTH</td><td>☐ WEST</td><td>☐ N W</td><td>☐ S W</td></tr></table> NEAR WHAT ROAD <u>JOSEPHINE RD</u> <table border="1" style="width:100%; text-align: center;"><tr><td>☒ NORTH</td><td>☐ SOUTH</td><td>☐ EAST</td><td>☐ WEST</td></tr></table> DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) <u>34</u>	☒ NORTH	☐ EAST	☐ N E	☐ S E	☐ SOUTH	☐ WEST	☐ N W	☐ S W	☒ NORTH	☐ SOUTH	☐ EAST	☐ WEST
☒ NORTH	☐ EAST	☐ N E	☐ S E											
☐ SOUTH	☐ WEST	☐ N W	☐ S W											
☒ NORTH	☐ SOUTH	☐ EAST	☐ WEST											
APPROXIMATE DEPTH OF WELL <u>200</u> FEET APPROXIMATE DIAMETER OF WELL <u>6</u> (NEAREST INCH) METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD) ☒ BORED (OR AUGERED) ☐ JETTED ☐ DRIVEN ☒ AIR-ROTARY ☐ AIR-PERCUSSION ☐ ROTARY (HYDRAULIC ROTARY) ☐ CABLE ☐ REVERSE-ROTARY ☐ DRIVE-POINT OTHER (DESCRIBE)			REPLACEMENT OR DEEPENED 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 ☐ THIS WELL WILL DEEPEAN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEANED (IF AVAILABLE)											
NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY) APPROPRIATION PERMIT NUMBER <u>54</u> ENGINEER REVIEW DISTRICT NO. <u>63</u> FORCE <u>FR</u> WRITE INITIALS IN BOX CONDITIONS <u>40-72-3923</u>			BOX NUMBER <u>8104</u> <u>5406</u>											
B 4 CONTINUED HEALTH DEPARTMENT APPROVAL 1 2 3 (SEQ. NO.) 6 STATE HEALTH (CIRCLE BOX) <u>S</u> COUNTY NAME <u>HOWARD</u> COUNTY NO. <u>12661</u> DATE <u>052881</u> APPROVED BY <u>[Signature]</u>		NORTH COORDINATE <u>548000</u> EAST COORDINATE <u>0814000</u> ELEVATION AT WELL HEAD (FEET) <u>65</u>												
B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY) 1 2 3 (SEQ. NO.) 6														

N
↑

32' casing 1 1/2" also 8' id
30' open
10' bag cement
7/16/81

Location
960' K





HOUSE:

FIRST FLOOR ELEV. 595.0
 BASEMENT ELEV. 586.0
 INVERT @ HOUSE 591.36

SEPTIC TANK:

EXISTING GRADE 592.2
 PROPOSED GRADE 593.8
 INVERT OF TANK 591.16

DRY WELL:

EXISTING GRADE 593.0
 PROPOSED GRADE 593.0
 INVERT 591.0

TRENCH:

INVERT	BOTTOM	LENTH	WIDTH
589.0	583.0	20'	2'

I certify the above measurements
 & elevations are actual and true
 for this property.

J. Carl Hudgins

GRADING STUDY

LOT 8G

EMERY PROPERTY

PLAT C.M.P. 4132

3rd. ELECTION DISTRICT

HOWARD COUNTY MARYLAND

SCALE 1"=50' DATE 5/8/81

C 1	8297	SEQUENCE NO. (WRA USE ONLY)	STATE OF MARYLAND WELL COMPLETION REPORT FILL IN THIS FORM COMPLETELY PLEASE PRINT OR TYPE	THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL IS COMPLETED
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)				COUNTY NUMBER A2666T

Date Received (WRA use only)	July 16, 1981	DATE WELL COMPLETED	Depth of Well 245	PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-73-3923
			(TO NEAREST FOOT)	

OWNER	Mader	last name	Mike	first name
STREET OR RFD	Md. Route #32		TOWN	West Friendship
SUBDIVISION	Roy Emory		SECTION	LOT 8G

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	18
Sand/Stone	18	40
MickA	40	50
Sand/Stone	50	60
MickA	60	160
Sand/Stone	160	165
MickA	165	245

GROUTING RECORD	
WELL HAS BEEN GROUTED	
(Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT	BENTONITE CLAY
CM	BC
NO. OF BAGS 10 NO. OF POUNDS 1000	
GALLONS OF WATER 60	
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		
STEEL	CONCRETE	
PL	OT	
PLASTIC	OTHER	
MAIN CASING TYPE		
Nominal diameter top(main) casing (nearest inch)		
Total depth of main casing (nearest foot)		
ST	6	32

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

SCREEN RECORD		
screen type or openhole		
insert appropriate code below		
ST	BR	HO
STEEL	BRASS, BRONZE	OPEN HOLE
PL	OT	
PLASTIC	OTHER	

C 2		
Seq. no.		
DEPTH (nearest ft.)		
1 140 30 245		
2		
3		

SLOT SIZE		
DIAMETER OF SCREEN (NEAREST INCH)		
from		
to		

GRAVEL PACK		
IF WELL DRILLED WAS FLOWING WELL CIRCLE BOX		

WRA 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

PUMPING TEST		
HOURS PUMPED (nearest hour)		
PUMPING RATE (gal. per min. to nearest gal.)		
METHOD USED TO MEASURE PUMPING RATE		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING		
WHEN PUMPING		
TYPE OF PUMP USED (for test)		
A	P	T
air	piston	turbine
C	R	O
centrifugal	rotary	other (describe below)
J	S	
jet	submersible	

PUMP INSTALLED		
YES NO		
DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX)		
IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE		
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: (A, C, J, P, R, S, T, O))		
CAPACITY: GALLONS PER MINUTE (to nearest gallon)		
PUMP HORSE POWER		
PUMP COLUMN LENGTH (nearest ft.)		
CASING HEIGHT (circle appropriate box and enter casing height)		
LAND SURFACE		
(nearest foot)		

LOCATION OF WELL ON LOT		
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)		
SEP TIC		
100'		
15'		
well		
foot line		

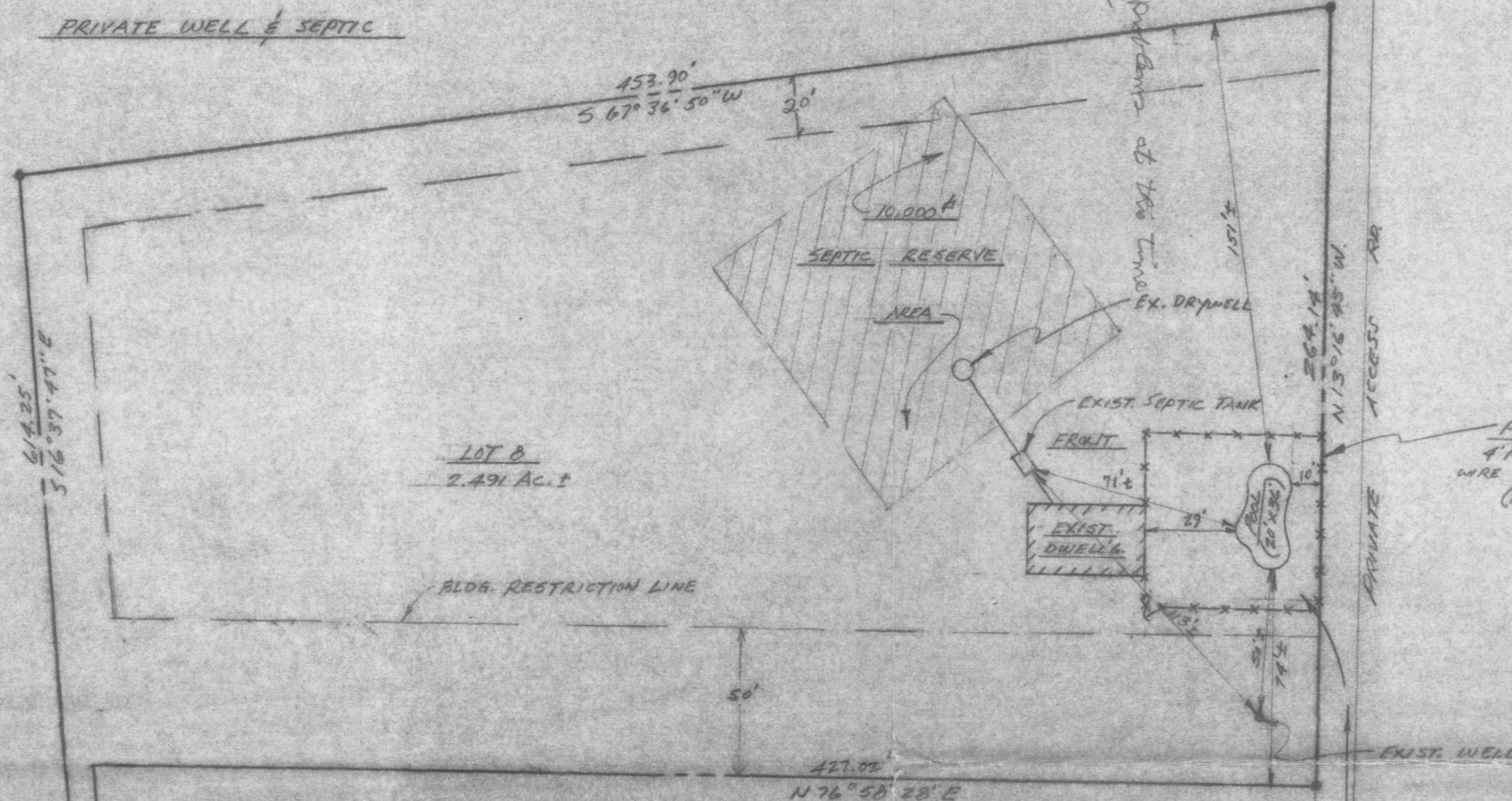
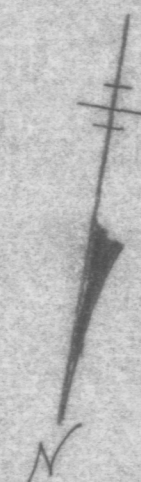
CIRCLE APPROPRIATE BOX		
A A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED		
E ELECTRIC LOG OBTAINED		
P TEST WELL CONVERTED TO PRODUCTION WELL		
I HEREBY CERTIFY THAT I HAVE COMPLIED WITH ALL CONDITIONS STATED ON THE ABOVE-CAPTIONED "PERMIT TO DRILL WELL", AND THAT INFORMATION CONTAINED IN THIS REPORT IS TRUE, ACCURATE, AND COMPLETE TO THE BEST OF MY KNOWLEDGE, INFORMATION AND BELIEF.		
DRILLERS IDENT. NO. 123		
DRILLERS SIGNATURE		
(MUST MATCH SIGNATURE ON APPLICATION)		
SITE SUPERVISOR (sign of driller or journeyman responsible for sitework if different from permittee)		

POOL ELEVATION: $\oplus$ 7" ABOVE GRADE

DIRECTIONS:

GO EAST TO EXIT 116 ROUTE 70 WEST
CONTINUE TO EXIT 78 SYKESVILLE NORTH DICE
OFF CUT OFF PROCEED 1 1/2 MILES TO A RIGHT
TURN AT GRAVEL DRIVE ROW OF MAIL BOXES 1441
CONTINUE 3/4 OF A MILE TO RIGHT - CONTINUE
ANOTHER 2/5 OF A MILE TO END TO SITE
WOOD FRAME

4/14/85
No water cap at bottom of the line
at location of



LOT 8
2.491 AC.±

BLDG. RESTRICTION LINE

SITE PLAN
SCALE: 1"=40'

HOWARD COUNTY
THIRD ELECTION DISTRICT
LOT 8G
LIBER 831
FOLIO 193
PLAT NUMBER 4/132

NOTE:
VACUUM BREAKER WILL BE
INSTALLED AS PER CODE.

FENCE DATA:
4" HIGH POST/RAIL w/
WIRE AS PER CODE
(BY OWNER)

EQUIPMENT LIST

DIRT: AT SITE
TILE: STB-16
COPING: STANDARD
STEPS: INCLUDED STYLE: STANDARD
FINISH: MARBELITE
FILTER: DE W SEP. TANK w/ TIMER, 1HP. Pump
SAFETY EQ.: INCLUDED
CLEANING EQ.: INCLUDED
VACUUM EQ.: INCLUDED
DIVING EQ.: NONE
LADDERS: NONE
GRABRAILS: NONE
LIGHTS: ONE COLOR: CLEAR
WATTS: 500 VOLTS: 110
HEATER: NONE
SPA: NONE
LOVESEAT: ONE 5' WIDE
DRYWELL: WELL + SEPTIC
SPECIAL EQ: 8' AQUA BENCH
4 LOADS OF WATER FURNISHED BY MAPI
50 CHEMICAL ALLOWANCE
DECKING: 400# BROWN FINISH
POOL COVER: NONE

SPECIAL NOTES

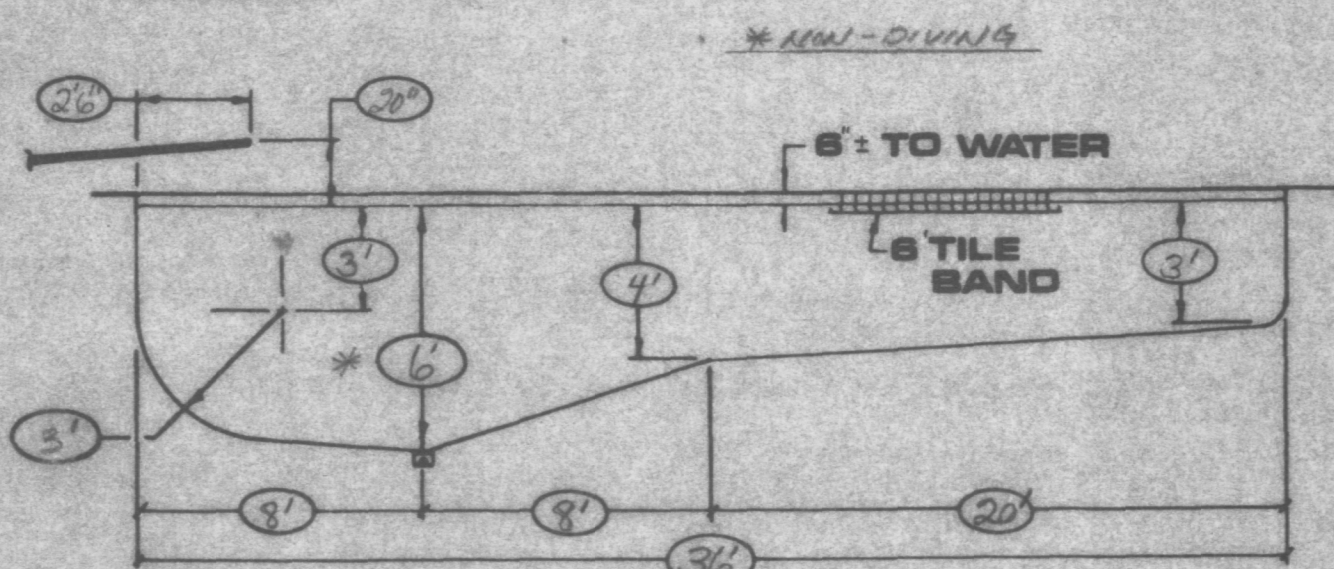
- 1) 100' FT. OF FENCING IN CONTRACT.
- 2) POOL AREA TO BE FENCED BY OWNER. GATES TO BE SELF-CLOSING & LATCHING PER COUNTY CODES.
- 3) STEPS TO HAVE 2" x 2" BRASS 2" x 2" RISERS, TOP 18" IN.
- 4) DO NOT TURN HOODS ON WHEN POOL IS EMPTY.
- 5) DO NOT PUT PLASTER DURING HOSE WHEN FILLING POOL. IT WILL MARK PLASTER & COPING.
- 6) WET DOWN CONCRETE SHEET AT LEAST TWICE DAILY FOR 7 DAYS WHEN TEMP. EXCEEDS 70 DEGREES.

POOL DATA 20' x 36'

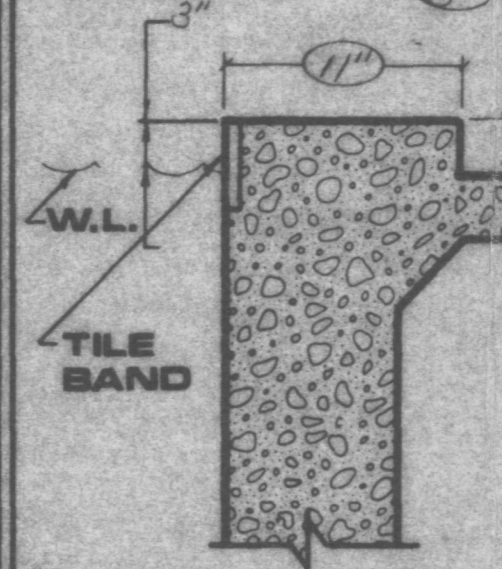
AREA: 536 SQ. FT.
PERIMETER: 93 L.F.
GALLONAGE: 22,000

Owners Approval - Date

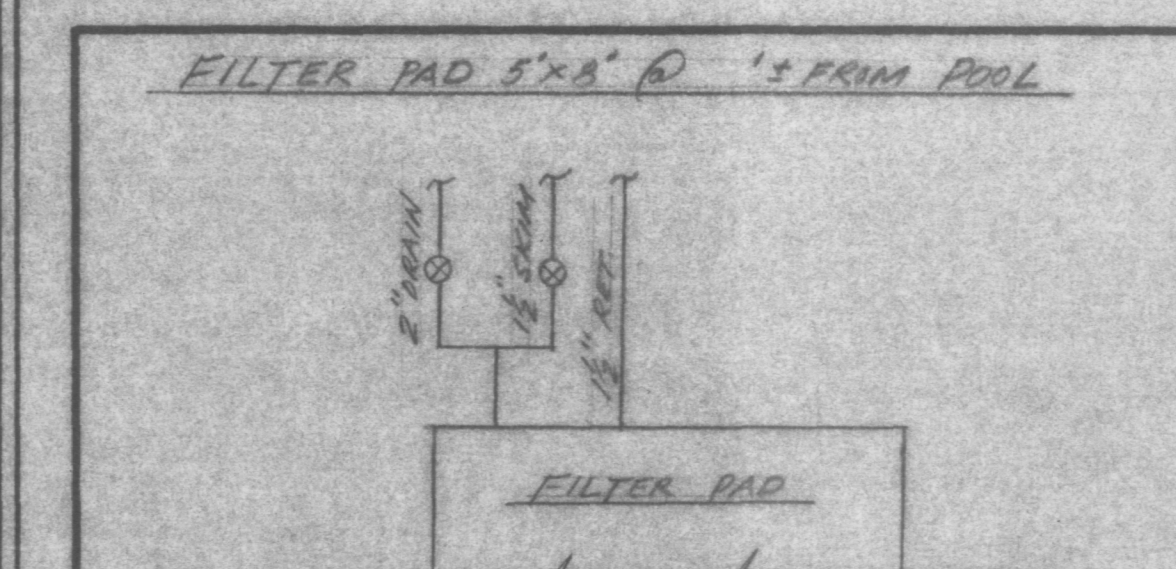
Cross Section



Bond Beam



Filter Plan



NAME: MICHAEL MACER
ADDRESS: 1441 ROUTE 32
CITY: WEST FRIENDSHIP MD. 21784
(HOWARD COUNTY)
TELEPHONE: (410) 542-9170
SCALE: 1/8" = 1' 0" SHEET 1 OF 2
DRAWN BY: J.E. D.J.T.
DATE: 3-24-85 JOB NO.: 85-1336

S16°37'47"E 614.25

S16°37'47"E 421.48

50' R/W FOR
INGRESS & EGRESS
7/2/123

Plat of Property known as #1441 Route 32,
also known as Lot #8G as shown on Plat
of "EMERY PROPERTY" and recorded among
the land records of HOWARD COUNTY in Plat
**NOTE: THIS HOUSE IS NOT LOCATED IN THE
FLOOD PLAIN.

THIS PLAT IS NOT INTENDED FOR THE USE
IN THE ESTABLISHMENT OF PROPERTY LINES

S76°58'28"W 427.02

LOT 8G
1-13-89

Existing home
has 3 bedrooms.
Septic area
uncertain. No overflow
observed. Well may
be close to
addition. Long
dimension of addition
is uncertain.
Unclear as to use
of loft and
finished room.
Need more info
from tenant or owner, Steve Lancaster

Tenant

Steve Lancaster

H: 489-7142

W: 792-9060

1/18/89 CALL FROM OWNER
ADDITION IS 40' FROM WELL
NO BEDROOMS OR KITCHENS TO BE ADDED,
ONLY RELOCATED,
OK TO PROCEED,
C. Williams

10' R/W USE IN
COMMON DRIVE FOR
INGRESS & EGRESS FOR
LOTS 8E, 8F & 8G.

Enter driveway
to 1445, top of hill in back.

N 13° 16' 45" W

264.14'

THIS PLAT IS NOT INTENDED FOR THE USE
IN THE ESTABLISHMENT OF PROPERTY LINES



This is to certify that the improvements
indicated hereon are located as shown. This is
not a property line survey and should not be
used as such.

DON LYNCH ASSOC., INC.
4907 HARFORD ROAD
BALTIMORE, MD. 21214

Scale: 1" = 40'

Date: 9-22-88