

W. Skiff
7/20/85 P.M.

APPROVED
9/19/85
RF
P-36000
A 34632

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

ELLICOTT CITY
DISTRICT 4th
DATE 9/18/85

INDEXED

Herman Sirk IS PERMITTED TO INSTALL ALTER

ADDRESS 2555 Jennings Chapel Road, Woodbine, MD PHONE 489-4724

SUBDIVISION Red Lion Inn Estates ROAD 14662 Red Line Drive LOT 9

PROPERTY OWNER Robert E. Nickell, Jr.

ADDRESS _____

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 22%.

GARBAGE GRINDER? YES _____ NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

DRYWELL OR DRYWELL AND TRENCH - 235 sq. ft. per bedroom. Total square feet for 4 bedrooms 940 sq. ft. Inlet 3 1/2 feet below original grade. Bottom maximum depth 11 feet below original grade. Effective area begins at 3 1/2 feet below original grade. LOCATION: PLACE THE DRYWELL 115 feet from the rear lot line and 10 feet from the left sideline as seen when facing the lot from Red Lion Court. Dig drywell pit 15 feet by 15 feet by 11 feet deep. Start trench 15 feet away from drywell and run trench on level ground the necessary distance. (For a 4 bedroom home - 15 ft. sq. drywell and a 66 ft. long trench is needed. NOTE: Trench inlet to be same as drywell, with 7 1/2 feet of stone below distribution pipe. Leave a 5 foot earth buffer between drywell and trench and run the trench on level ground the necessary distance.

PLANS APPROVED BY Frank Skinner DATE 12/24/84

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 AND AFTER PLACING GRAVEL IN TRENCH.

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 40 PVC OR ABS.

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, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

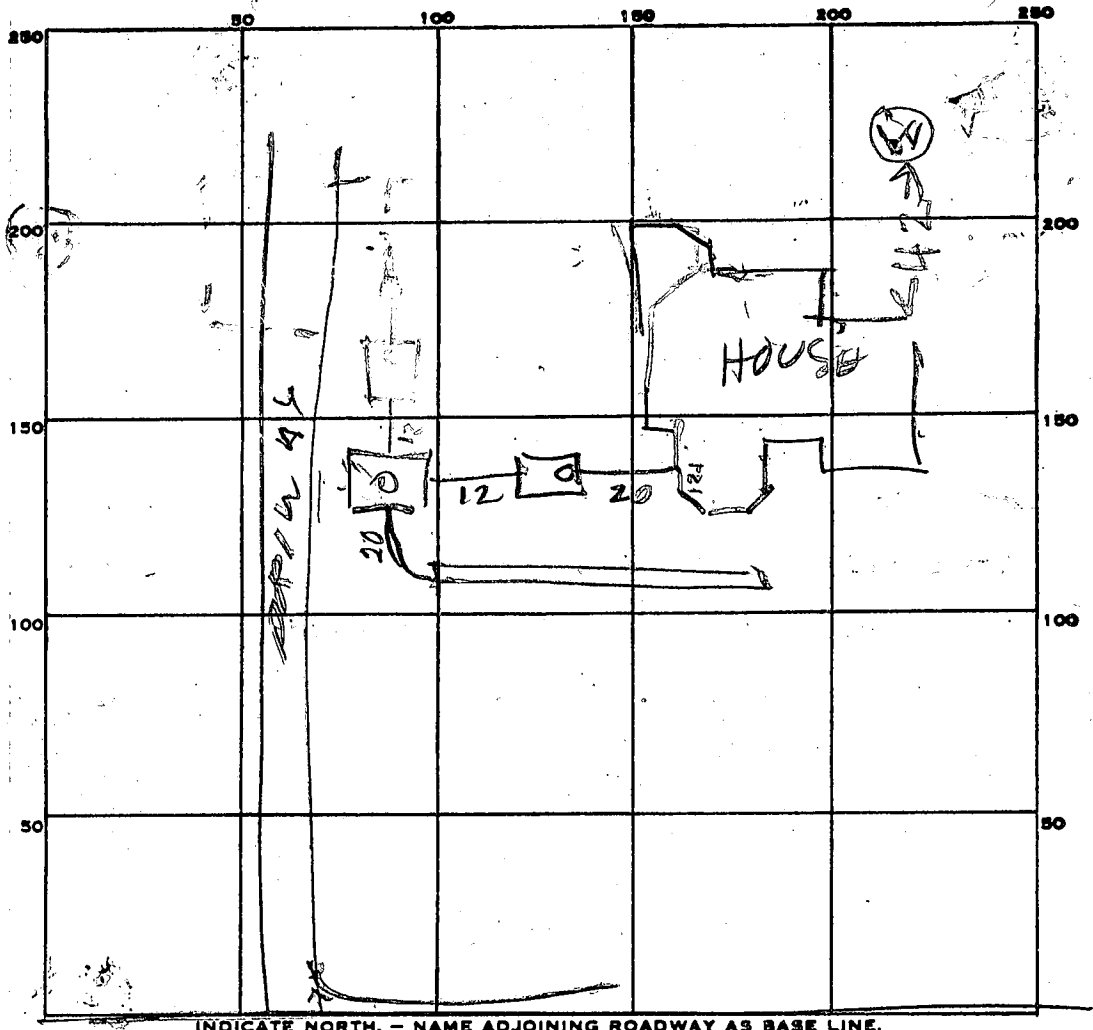
BLDG. PERMIT SIGNED AND RETURNED 7-3-97
Serial # 810700615
detached garage

A 34632

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

COOR

PERMIT CARD _____

SEPTIC TANK, LEVEL 1500 CLEANOUTS ST/DW
TOP 1/2 FT BELOW GROUND OK OK 9/20/85

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 10.5 FT. TRENCH WIDTH 1/2 FT.

GRAVEL DEPTH 7 FT IN. TOTAL LENGTH 71 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 497

SEEPAGE PITS, INSIDE DIAMETER 60 FT. DEPTH BELOW INLET 7.5 FT.

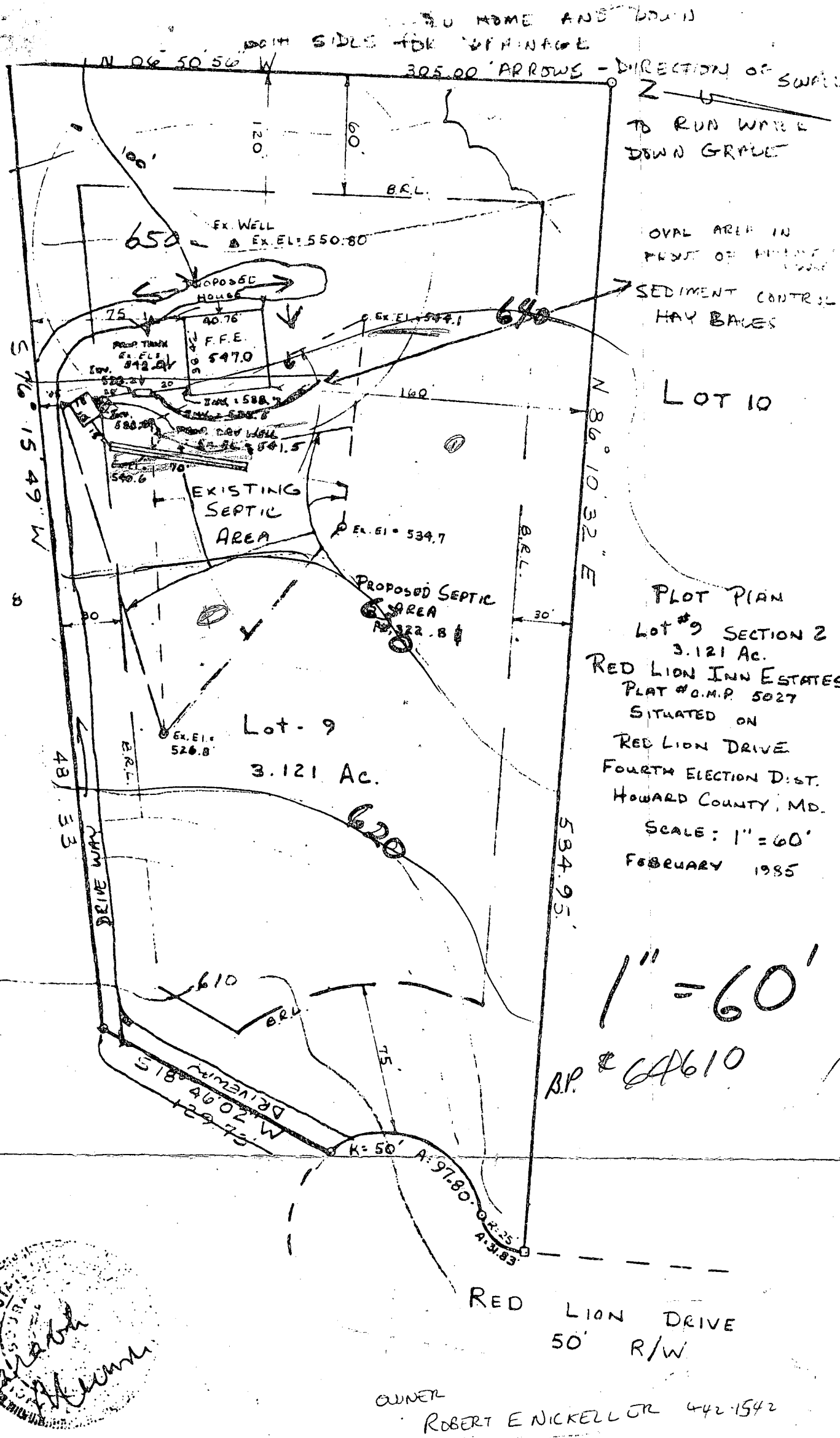
ABSORBENT AREA 450 SQ. FT.

REMARKS 9/18/85 - LOCATION OK PER PLANS R11
ADD STONE TO TRENCH FINISH DRY WELL & SEWER
HOOK UP RH

9/20/85 150PM DW INLET 4 FT BELOW GRADE
4 BR = 4 X 235 = 940 SQ FT REQUIRED
497 + 450 = 947 SQ FT INSTALLED

DATE SYSTEM APPROVED 9/20/85 INSPECTOR Raymond Bodger

9/21/85
20
2



PLOT PLAN
 Lot #9 SECTION 2
 3.121 Ac.
 RED LION INN ESTATES
 PLAT # C.M.P. 5027
 SITUATED ON
 RED LION DRIVE
 FOURTH ELECTION DIST.
 HOWARD COUNTY, MD.
 SCALE: 1" = 60'
 FEBRUARY 1985

1" = 60'

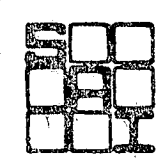
B.P. # 64610

RED LION DRIVE
50' R/W

OWNER
ROBERT E. NICKELL JR 442-1542



I CERTIFY THIS PLAT TO BE CORRECT; IT IS THE RESULT OF AN ACTUAL FIELD SURVEY, BASED ON DATA FOUND AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND. AS REFERENCED HEREON.



SHELADIA Associates, Inc.
 CONSULTING ENGINEERS
 7638 WOODVILLE ROAD, MT. AIRY, MD. 21771
 (301) 829-2890

REFERENCE	JOB NO.
PLAT C.M.P. # 5027	# 251

APPLICATION

*Permit
12/5/84
9:30 AM*

A 34632
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: 992-2330

DISTRICT _____
DATE 12/3/84

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 ROBERT E NICKELL JR

ADDRESS 2315 Thompson Dr PHONE 442-7542
Marriottsville, Md 21104

PROPERTY LOCATION:

SUBDIVISION RED LION INN ESTATES LOT NO. 9

ROAD AND DESCRIPTION 14662 Red Line Drive

SIZE OF LOT 3,121 AC TYPE BLDG. 3
(NUMBER OF BEDROOMS)

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. X Robert E Nickell Jr
(SIGNATURE OF APPLICANT)

APPROVED BY Frank Shinn FOR Dry well DATE 12/5/84

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING B.P. 64610
Signed 5/16-85

ENCL. PERMIT SIGNED
AND RETURNED 5/16-85

THIS IS NOT A PERMIT

C1 **2879** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

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-29414**

DATE Received [] [] [] [] [] [] DATE WELL COMPLETED **082087** Depth of Well **200** (TO NEAREST FOOT) PERMIT NO. FROM "PERMIT TO DRILL WELL" **HO-81-0649**

OWNER **HALE CONSTRUCTION** last name **2315 Thompson Dr.** first name TOWN **MARRIOTTSVILLE MD**
 SUBDIVISION **RED LION INN EST.** SECTION LOT **9**

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	
Brown Shale	2	12	
Brown Slate	12	25	
Blue Slate	25	45	
Brown Slate	45	55	<input checked="" type="checkbox"/>
Blue Slate	55	200	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) YES NO
 TYPE OF GROUTING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS **45** NO. OF POUNDS **300**
 GALLONS OF WATER
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **22** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
 ST STEEL CO CONCRETE
 PL PLASTIC OT OTHER

MAIN CASING Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **23**
 PL PL PL PL

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

C2
 DEPTH (nearest ft.)
 1 **HO** 22 200
 2
 3
 SLOT SIZE 1 2 3
 DIAMETER OF SCREEN (NEAREST INCH) 56 60

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 10.17.13 "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 IDENT. NO. **253**
Ralph Wayne

DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)
Ralph E. Wayne

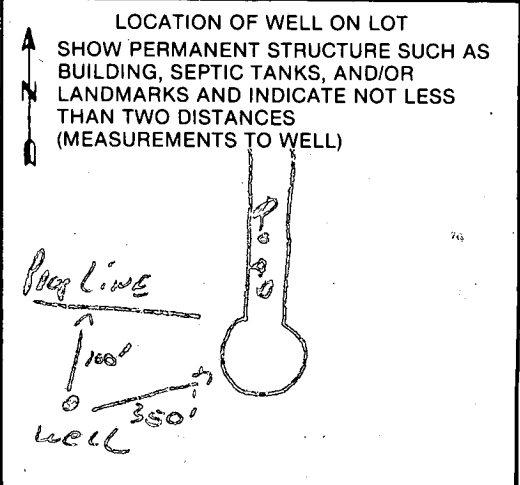
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T (E.R.O.S.) WQ
 70 72 74 75 76
 TELESCOPE CASING LOG INDICATOR OTHER DATA

C3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **7**
 METHOD USED TO MEASURE PUMPING RATE **Bucket**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **57** WHEN PUMPING **51**
 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 YES NO
 IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:
 CAPACITY: GALLONS PER MINUTE (to nearest gallon)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above } LAND SURFACE (nearest foot)
 - below }



Permit

APPLICATION

A 29414

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P _____

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

DISTRICT 4th

DATE 1/17/79

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 H.B.L. Properties, Inc.

ADDRESS _____ PHONE Boender - 465-7777

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. 15 *NEW #9 10/30 PLAT*

ROAD AND DESCRIPTION Old Frederick Road

SIZE OF LOT 3.2 acres TYPE BLDG. 3 or 4 bedrooms

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.

SIGNATURE OF APPLICANT /s/ Jack Boender for E. Brooke Lee

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 1-3/79 for further tests.
C.B.A.

THIS IS NOT A PERMIT

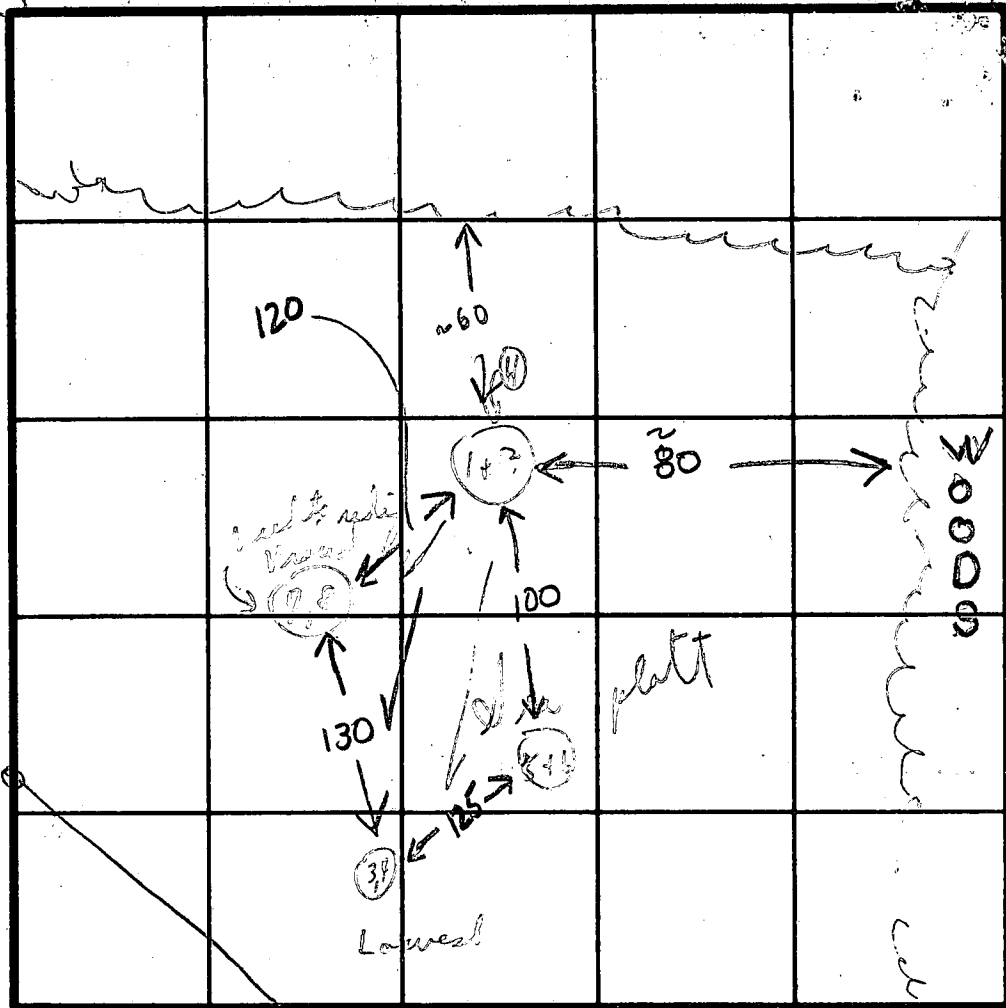
NOW #9

#15

Field sheet

SOIL PROFILE

Below clay loam



Tack
100
100
100

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
1/27/78	1	4 1/2'	3:20	3:26	3:26	3:35	9m
	2	12'	Well drier		from surface		Redige & settled
	3	4'	3:30	3:33	3:33	3:39	6m
	4	1'	Water surface		in bottom		← Redige & settled
	5	4'	3:25	3:28	3:28	3:34	6m
	6	Surface water		in bottom			← Redige & settled
	7	(Near 1/23/79)			Surface		
1/25/79	40	14'	156	159	159	203	4
	60	13 1/2'	215	220	220	236	16
	20	13'	225	226	226	230	4
						6	45

GLK

} Need to
set
4 1/2' inlet
on way

REMARKS: Cold, slipping feet, in open field

Worked on water for holes

TYPE OF SOIL: SANDY SILT BELOW CLAY

TESTED BY: C B D

ALSO PRESENT: S Deora & Ray

WELL PUMP INSPECTION

Owner's Name: *NICKELL, ROBERT JR.*

Address: *14652 RED LION INN ESTATES
SYKESVILLE MD. 21784*

Location of Property:

Well Tag Number:

LOT #9 RED LION DR. to

Plumber or Certified Pump Installer:

CORNWELL PLUMBING

Phone Number: *988-9221*

License Number: *3853*

Receipt Number:

35595

Date:

5-31-85

Comments:

ok to proceed with pump installation

Frommelt

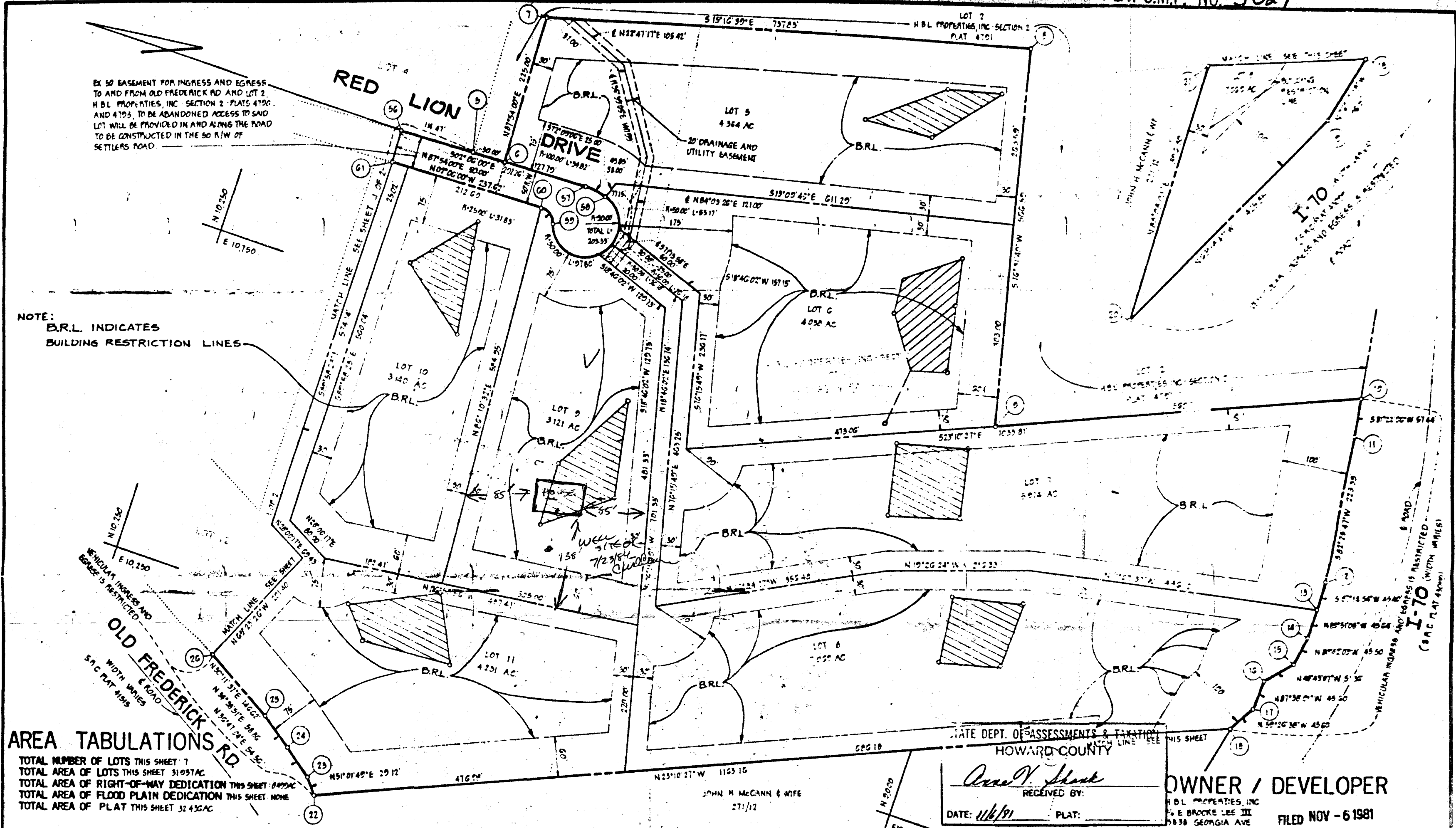
Inspection:

Date Well Pump Inspection was approved:

Inspector:

EX 50 BASEMENT FOR INGRESS AND EGRESS TO AND FROM OLD FREDERICK RD AND LOT 2, H.B.L. PROPERTIES, INC. SECTION 2 PLATS 4790 AND 4795, TO BE ABANDONED ACCESS TO SAID LOT WILL BE PROVIDED IN AND ALONG THE ROAD TO BE CONSTRUCTED IN THE 50 R/W OF SETTLERS ROAD.

NOTE: B.R.L. INDICATES BUILDING RESTRICTION LINES.



AREA TABULATIONS
 TOTAL NUMBER OF LOTS THIS SHEET 7
 TOTAL AREA OF LOTS THIS SHEET 31957 AC
 TOTAL AREA OF RIGHT-OF-WAY DEDICATION THIS SHEET 8499 AC
 TOTAL AREA OF FLOOD PLAIN DEDICATION THIS SHEET NONE
 TOTAL AREA OF PLAT THIS SHEET 32 432 AC

STATE DEPT. OF ASSESSMENTS & TAXATION
 HOWARD COUNTY
 RECEIVED BY: *Anna V. Shank*
 DATE: 11/6/91 PLAT:
 OWNER / DEVELOPER
 H.B.L. PROPERTIES, INC.
 10 E BROCKE LEE III
 10338 GEORGIA AVE
 WHEATON, MD 20906
 FILED NOV - 6 1981

APPROVED: FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS, HOWARD COUNTY HEALTH DEPARTMENT.
[Signature] 10-26-81
 COUNTY HEALTH OFFICER DATE

APPROVED: HOWARD COUNTY OFFICE OF PLANNING AND ZONING.
[Signature] 11-4-81
 PLANNING DIRECTOR DATE

APPROVED: FOR STORM DRAINAGE SYSTEMS AND PUBLIC ROADS, HOWARD COUNTY DEPARTMENT OF PUBLIC WORKS.
[Signature] 10-30-81
 DIRECTOR DATE

OWNERS STATEMENT
 WE, H.B.L. PROPERTIES, INC., A MARYLAND CORPORATION BY E BROOKE LEE III, EXECUTIVE VICE PRESIDENT AND SUZANNE R BAKER, ASSISTANT SECRETARY, OWNERS OF THE PROPERTY SHOWN AND DESCRIBED HEREON, HEREBY ADOPT THIS PLAN OF SUBDIVISION, AND IN CONSIDERATION OF THE APPROVAL OF THIS FINAL PLAT BY THE OFFICE OF PLANNING AND ZONING, ESTABLISH THE MINIMUM BUILDING RESTRICTION LINES AND GRANT UNTO HOWARD COUNTY, MARYLAND, ITS SUCCESSORS AND ASSIGNS, (1) THE RIGHT TO LAY, CONSTRUCT AND MAINTAIN SEWERS, DRAINS, WATER PIPES AND OTHER MUNICIPAL UTILITIES AND SERVICES, IN AND UNDER ALL ROADS AND STREET RIGHT-OF-WAYS AND SPECIFIC EASEMENT AREAS SHOWN HEREON; (2) THE RIGHT TO REQUIRE DEDICATION FOR PUBLIC USE THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS AND OPEN SPACE WHERE APPLICABLE, AND FOR GOOD AND OTHER VALUABLE CONSIDERATION HEREBY GRANT THE RIGHT AND OPTION TO HOWARD COUNTY TO ACQUIRE THE FEE SIMPLE TITLE TO THE BEDS OF THE STREETS AND/OR ROADS AND FLOODPLAINS, STORM DRAINAGE FACILITIES AND OPEN SPACE WHERE APPLICABLE, AND (3) THE RIGHT TO REQUIRE DEDICATION OF WATERWAYS AND DRAINAGE EASEMENTS FOR THE SPECIFIC PURPOSE OF THEIR CONSTRUCTION, REPAIR AND MAINTENANCE; AND (4) THAT NO BUILDING OR SIMILAR STRUCTURE OF ANY KIND SHALL BE ERRECTED ON OR OVER THE SAID EASEMENTS AND RIGHT OF WAYS.

WITNESS MY/OUR HANDS THIS 30th DAY OF MAY, 1981
[Signatures]
 WITNESS

SURVEYORS CERTIFICATE
 I HEREBY CERTIFY THAT THE FINAL PLAT SHOWN HEREON IS CORRECT, THAT IT IS A RESUBDIVISION OF LOT 1, AS SHOWN ON A PLAT OF SUBDIVISION ENTITLED "H.B.L. PROPERTIES, INC. SECTION 2" RECORDED AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND IN PLATBOOK 4790 THRU 4795, SAID PARCEL ALSO BEING A PART OF THE LANDS CONVEYED BY WILLIAM R LIGHTMAN AND MARIE C. LIGHTMAN, HIS WIFE, TO H.B.L. PROPERTIES, INC. BY DEED DATED SEPTEMBER 5, 1965 AND RECORDED AMONG THE APPOSSARD LAND RECORDS IN LIBER 406 AT FOLIO 257 AND THAT ALL MONUMENTS ARE IN PLACE AS SHOWN IN ACCORDANCE WITH THE ANNOTATED CODE OF MARYLAND, AS AMENDED.
[Signature] 11/6/91
 WILLIAM G. HARTL, P.L.S. NO 9436 DATE

RECORDED AS PLAT _____ ON _____
 AMONG THE LAND RECORDS OF HOWARD COUNTY, MARYLAND

RED LION INN ESTATES

A RESUBDIVISION OF LOT 1
 H.B.L. PROPERTIES, INC. - SECTION 2 LOTS 5-14

SHEET 2 OF 2 P. 01-18, "01-111
 TAX MAP B ZONED R
 4TH ELECTION DISTRICT HOWARD COUNTY, MARYLAND
 SCALE: 1"=100' DATE: MARCH, 1981

boender associates engineers
 surveyors
 planners
 SUITE 102-107 TOWN & COUNTRY PROFESSIONAL BUILDING
 ELLICOTT CITY, MARYLAND 21043
 BALTIMORE 301-486-7777 SALISBURY 301-740-1200