

LAYOUT _____ INSP 4 _____

INSP 2 _____ INSP 5 _____

INSP 3 _____ INSP 6 _____

ISSUE DATE: _____

PERMIT

P _____

APPROVAL DATE: _____

04-338030

A 33176

ON-SITE SEWAGE DISPOSAL SYSTEM HOWARD COUNTY HEALTH DEPARTMENT BUREAU OF ENVIRONMENTAL HEALTH

_____ IS PERMITTED TO INSTALL ALTER

ADDRESS: _____ PHONE NUMBER: _____

SUBDIVISION: Rover Mill Estates LOT NUMBER: 23

ADDRESS: 3186 Danmark Drive PROPERTY OWNER: David Jackson

SEPTIC TANK CAPACITY (GALLONS): _____ OUTLET BAFFLE FILTER REQUIRED

PUMP CHAMBER CAPACITY (GALLONS): _____ COMPARTMENTED TANK REQUIRED

NUMBER OF BEDROOMS: _____

SQUARE FEET PER BEDROOM: _____

LINEAR FEET OF TRENCH REQUIRED: _____

TRENCHES:	Trench to be _____ feet wide. Inlet _____ feet below original grade. Bottom maximum depth _____ feet below original grade. Effective area begins at _____ feet below original grade. _____ feet of stone below distribution pipe.
LOCATION:	
NOTES:	

PLANS APPROVED: _____ DATE: _____

NOTE: PERMIT VOID AFTER 2 YEARS

NOTE: CONTRACTOR RESPONSIBLE FOR SCHEDULING A PRE-CONSTRUCTION INSPECTION FOR ALL INSTALLATIONS

NOTE: WATERTIGHT SEPTIC TANKS REQUIRED

NOTE: ALL PARTS OF SEPTIC SYSTEM SHALL BE 100 FEET FROM ANY WATER WELL

NOTE: MANHOLE RISERS REQUIRED ON ALL SEPTIC TANKS AND PUMP CHAMBERS UNLESS SPECIFICALLY AUTHORIZED

NEITHER THE HOWARD COUNTY COUNCIL NOR THE HEALTH DEPARTMENT IS RESPONSIBLE FOR THE SUCCESSFUL OPERATION OF ANY SYSTEM PERMITTEE RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

BUILDING PERMIT SIGNED AND RETURNED

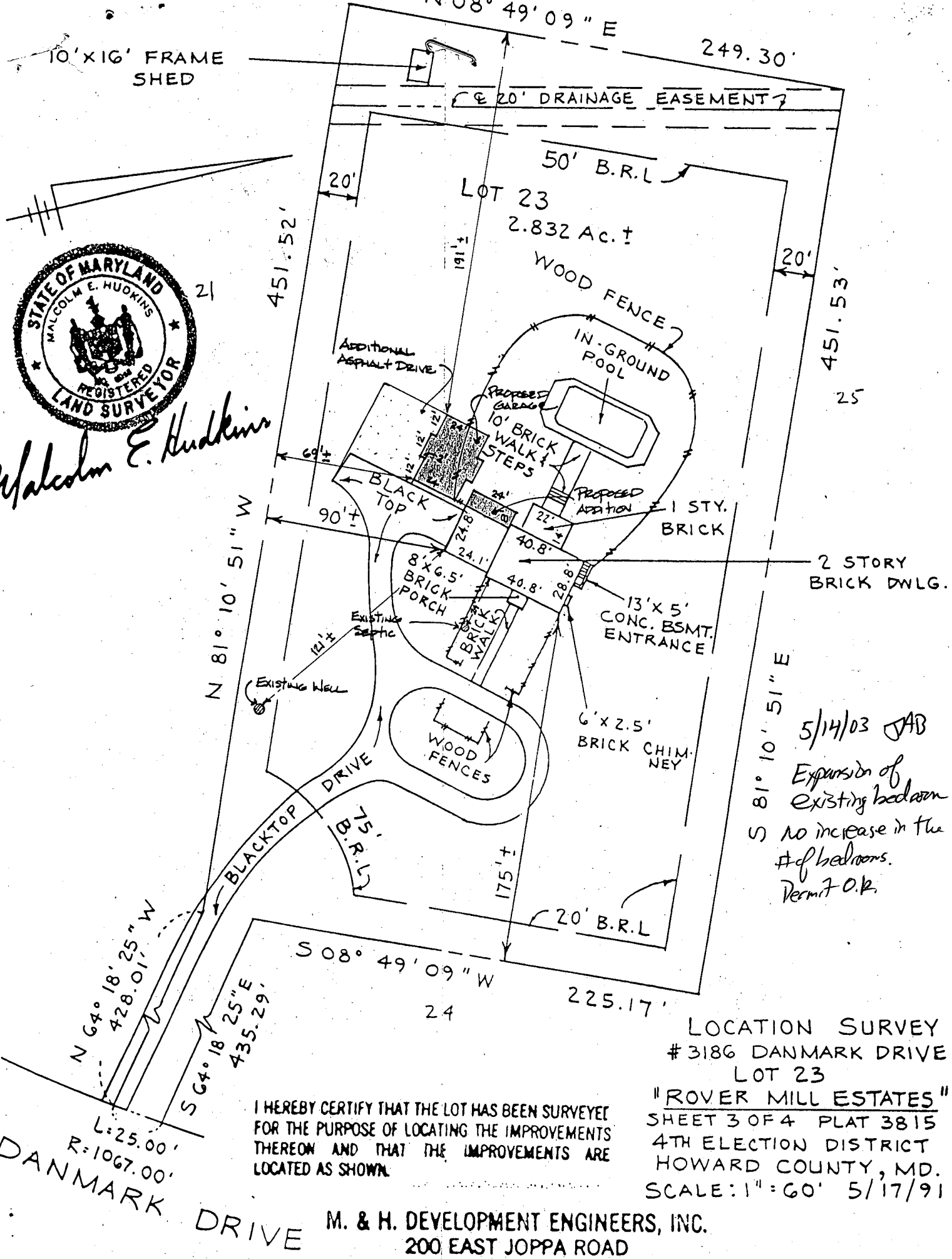
CALL 410-313-2640 FOR INSPECTION OF SEPTIC SYSTEM

5/14/2003 B00141644 CONVERT EX. GARAGE TO GREAT RM + MASTER SUITE
ADD GARAGE + FRONT PORCH COVER

A33176



Malcolm E. Hudkins



5/14/03 JAB
Expansion of existing bedroom
No increase in the # of bedrooms.
Permit O.K.

I HEREBY CERTIFY THAT THE LOT HAS BEEN SURVEYED FOR THE PURPOSE OF LOCATING THE IMPROVEMENTS THEREON AND THAT THE IMPROVEMENTS ARE LOCATED AS SHOWN.

LOCATION SURVEY
#3186 DANMARK DRIVE
LOT 23
"ROVER MILL ESTATES"
SHEET 3 OF 4 PLAT 3815
4TH ELECTION DISTRICT
HOWARD COUNTY, MD.
SCALE: 1" = 60' 5/17/91

DANMARK DRIVE

M. & H. DEVELOPMENT ENGINEERS, INC.
200 EAST JOPPA ROAD
ROOM 101, SHELL BUILDING
TOWSON, MARYLAND 21204

10/5/88
as soon as possible

10, 51 P 3
1, 000, 000
PH P-33176
21823

PERMIT

SEWAGE DISPOSAL SYSTEM
MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
883-2330

ELLCOTT CITY
DISTRICT 6A
DATE 9/30/88

INDEX

Jack Frost

IS PERMITTED TO INSTALL ALTER

ADDRESS 11775 Triadaphia Prod, Classlet, Md. 21737 PHONE 968-8378

SUBDIVISION BRIDGE HILL ESTATES ROAD 1185 FREDERICK DRIVE LOT 23

PROPERTY OWNER William J. Blackert, Jr.

ADDRESS 17706 Old Frederick Road, Mt. Airy, Md. 21771 PHONE: 795-8958
RICK: 843-8895

IF GARBAGE GRINDER IS USED INCREASE SEPTIC TANK CAPACITY BY 50% AND ABSORPTION AREA BY 25%

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

DRY WELL AND TRENCH - The system will contain no less than 100 sq. ft. of absorbent sidewall area per bedroom. Locate the dry well 130 ft. from the 450 ft. property line and 130 ft. from the 240 ft. property line. The lowest will enter the dry well at 4 ft. below original grade and the maximum depth of the dry well will not exceed 10 ft. below original grade. Begin the trench 5 ft. from the edge of the dry well and follow the contour of the land. The trench will be 4 ft. deep, and contain 6 ft. of stone.

PLANS APPROVED BY Robert T. Moorefield R.T.M. DATE 9/30/88

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 **BRDL PERMIT SIGNED AND RETURNED 9/30/88**

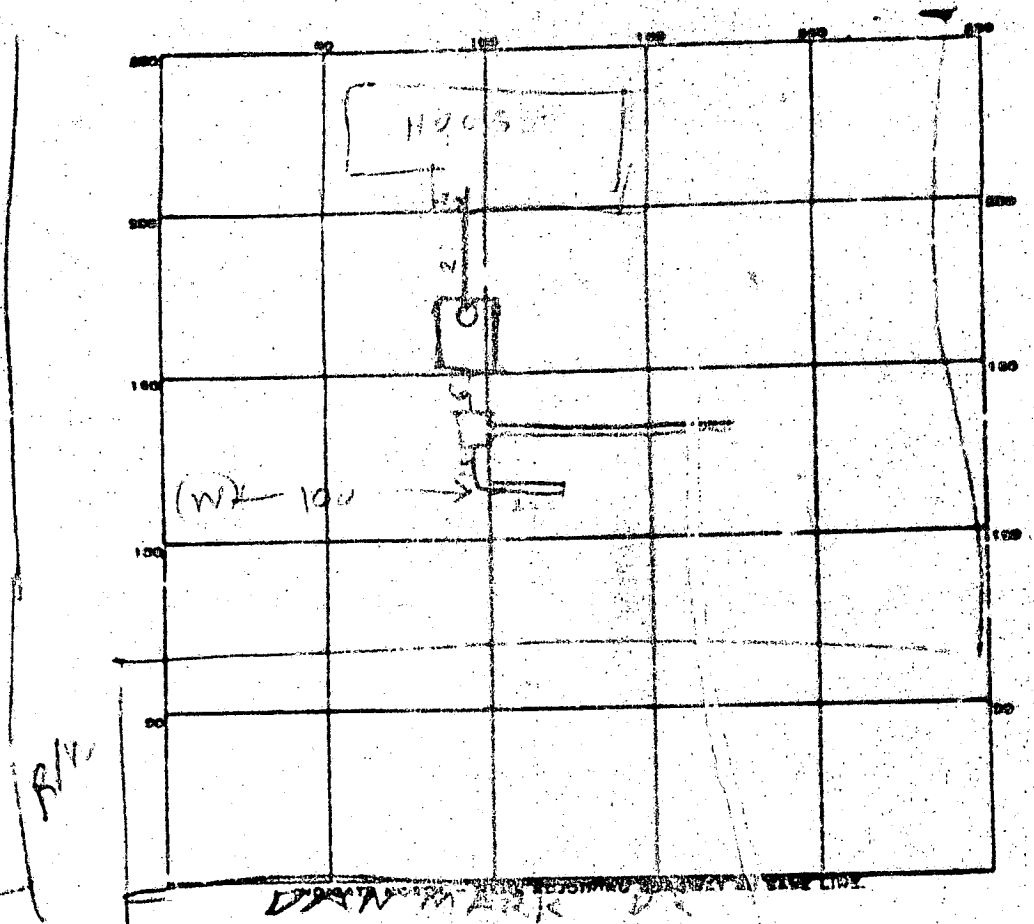
PERMIT VOID AFTER THREE YEARS

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. Serial # 118166 PH

INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 883-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

10/1/88



PERMIT CARD

SEPTIC TANK LEVEL OK 15.0 CLEANOUTS 3

DISTRIBUTION BOX LEVEL OK

PIPE RISING NORTH 1 1/2\"/>

GRAVEL DEPTH 1 IN. TOTAL LENGTH 70 / 20 FT. 53

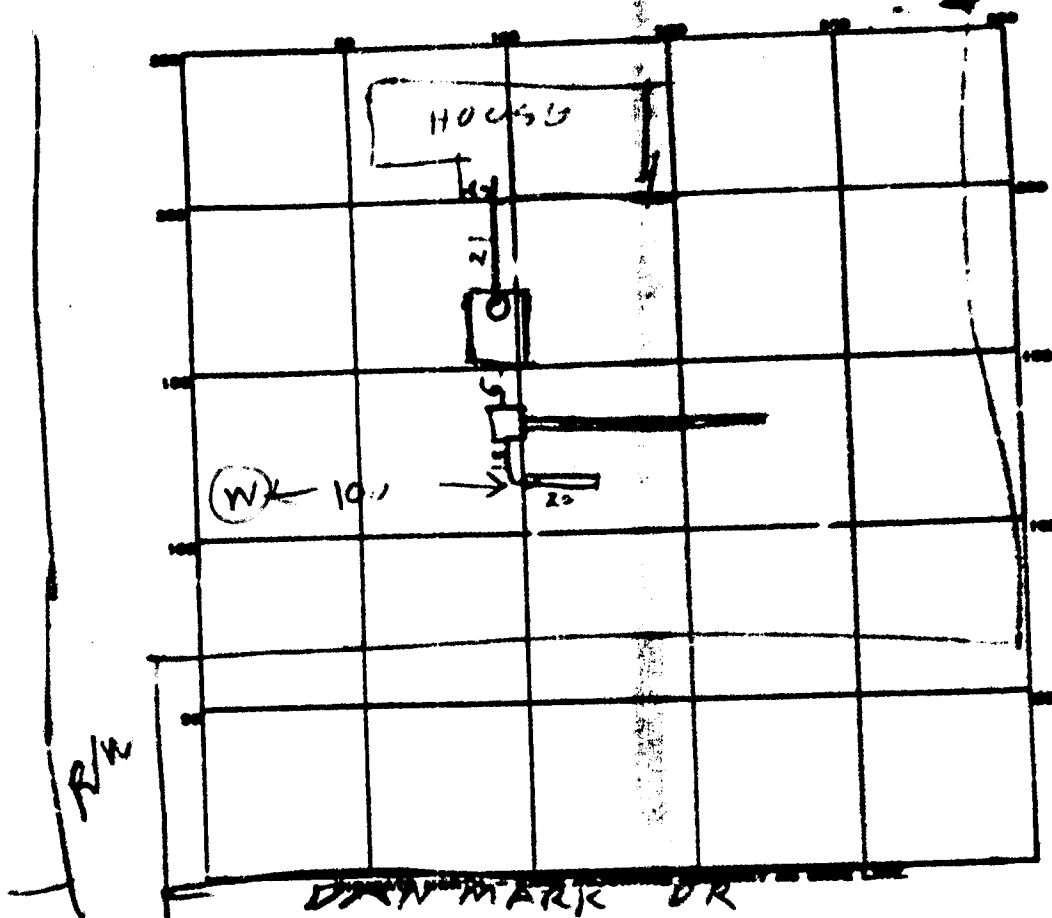
NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 786

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

ABSORBENT AREA _____ SQ. FT.

REMARKS 8/5/93 LOCAL 1011 OK OK TO COVER
TANK FINISH DIGGING #2 TO 45-50 FT
LONG FINISH ADDING STONE TO DITCHES. R14

DATE SYSTEM APPROVED 1/5/93 INSPECTOR Leonard Hedges



PERMIT CARD _____

SEPTIC TANK LEVEL OK 1560 CEMENTS ST
OK

DISTRIBUTION BOX LEVEL _____

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

GRAVEL DEPTH 11 IN. TOTAL LENGTH 70 ST = TOTAL 53 ST 53
131

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 786

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BENEATH BILET _____ FT.

ABSORBENT AREA _____ SQ. FT.

REMARKS 8/5/93 LOCATION OK OK TO COVER
TANK. FINISH DIGGING #2 TO 45-50 FT
LONG FINISH ADDING STONE TO DITCHES R/W

LATE SYSTEM APPROVED 10/5/83 Raymond [Signature]

SECURITY NO. (OSP USE ONLY)
 (THIS NUMBER IS TO BE PURCHASED IN COLS. 32 ON 254 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 A21812
 PERMIT NO. 110-87-0715

DATE RECEIVED _____ DATE WELL COMPLETED 06/06/83
 DEPTH OF WELL 120 FT. (TO NEAREST FOOT)

OWNER Algert Danmark Drive TOWN Cooksville LOT 25
 SUBDIVISION Randy M. H. Estates SECTION C3

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		CLASS. (if water bearing)
	FROM	TO	
TOPSOIL	0	2	
CLAY	2	10	
SHALEY	10	50	✓
MICA	50	55	
SANDSTONE	55	65	
MICA	65	80	
SANDSTONE	80	85	✓
MICA	85	120	

WELL HAS BEEN OPERATED (Circle Appropriate Box)
 TYPE OF OPERATING MATERIAL
 CEMENT BENTONITE CLAY
 NO. OF BAGS 12 NO. OF POUNDS 1200
 GALLONS OF WATER 65
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 to 45 ft. (enter 0 if from surface)

PUMPING TEST
 HOURS PUMPED (nearest hour) 3
 PUMPING RATE (gal per min. to nearest gal.) 1
 METHOD USED TO MEASURE PUMPING RATE BUCKET
 WATER LEVEL (distance from land surface) BEFORE PUMPING 120
 WHEN PUMPING 120
 TYPE OF PUMP USED (see key)
 A air P piston T turbine
 C centrifugal R rotary G other (describe in key)
 J jet S submersible

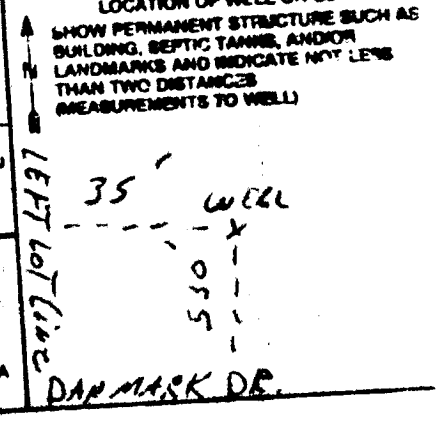
CASING RECORD
 MAIN CASING TYPE S STEEL P PLASTIC
 Nominal diameter (nearest inch) 5
 Total depth of main casing (nearest foot) 76
 OTHER CASING (if used) diameter inch 3 depth from surface to 120

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP (CIRCLE YES OR NO) YES
 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,G) IN BOX - SEE ABOVE:
 CAPACITY GALLONS PER MINUTE (to nearest gal/min)
 PUMP HORSE POWER
 PUMP COLUMN LENGTH (nearest ft.)
 CASING HEIGHT (circle appropriate box and enter casing height)
 + above - below LAND SURFACE 21 (nearest foot)

SCREEN RECORD
 SCREEN TYPE OR OPEN HOLE S STEEL BR BRASS HO OPEN HOLE
 insert appropriate code below:
 DEPTH (nearest ft.) 120
 DIAMETER OF SCREEN (NEAREST INCH)

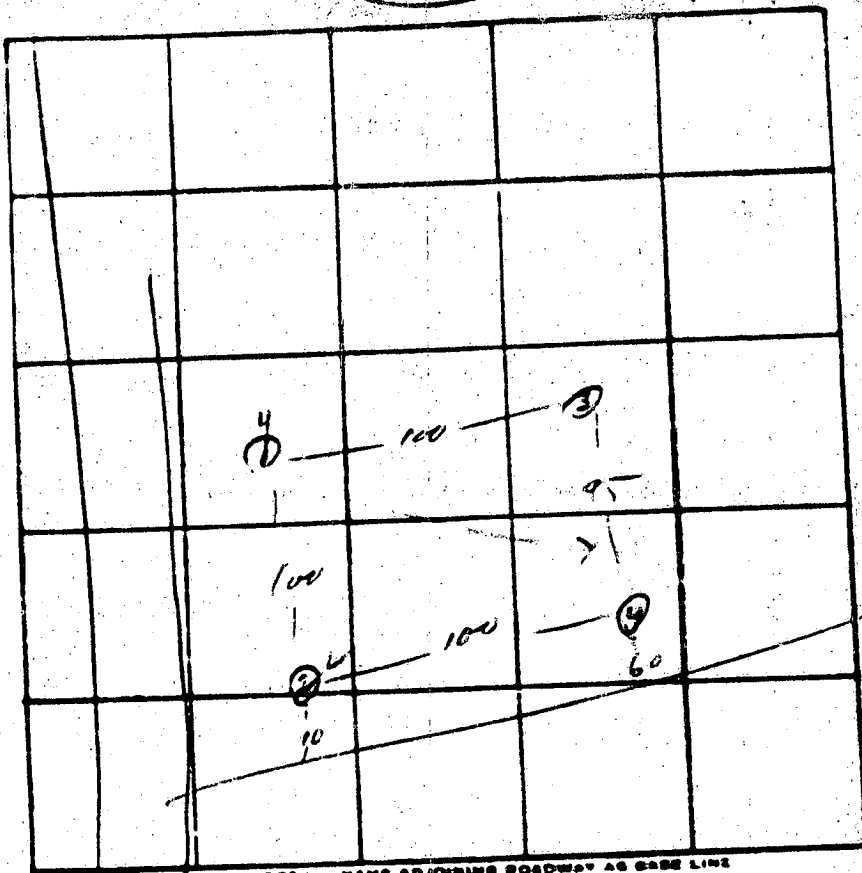
CIRCLE APPROPRIATE LETTER A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED
 E ELECTRIC LOG OBTAINED
 P TEST WELL CONVERTED TO PRODUCTION WELL

GRANUL PACK IF WELL DRILLED THIS FLOWING WELL REPORT F IN BOX 68
 DRILLING IDENT. NO. 440
 DRILLER'S SIGNATURE George P. ...
 MUST MATCH SIGNATURE ON APPLICATION
 SITE SUPERVISOR (sign. of driller or journeyman responsible for afterwork if different from permittee)



OSP USE ONLY (NOT TO BE FILLED IN BY DRILLER)
 T S G B
 TELESCOPE CASING L A T
 OTHER DATA

Lot 23



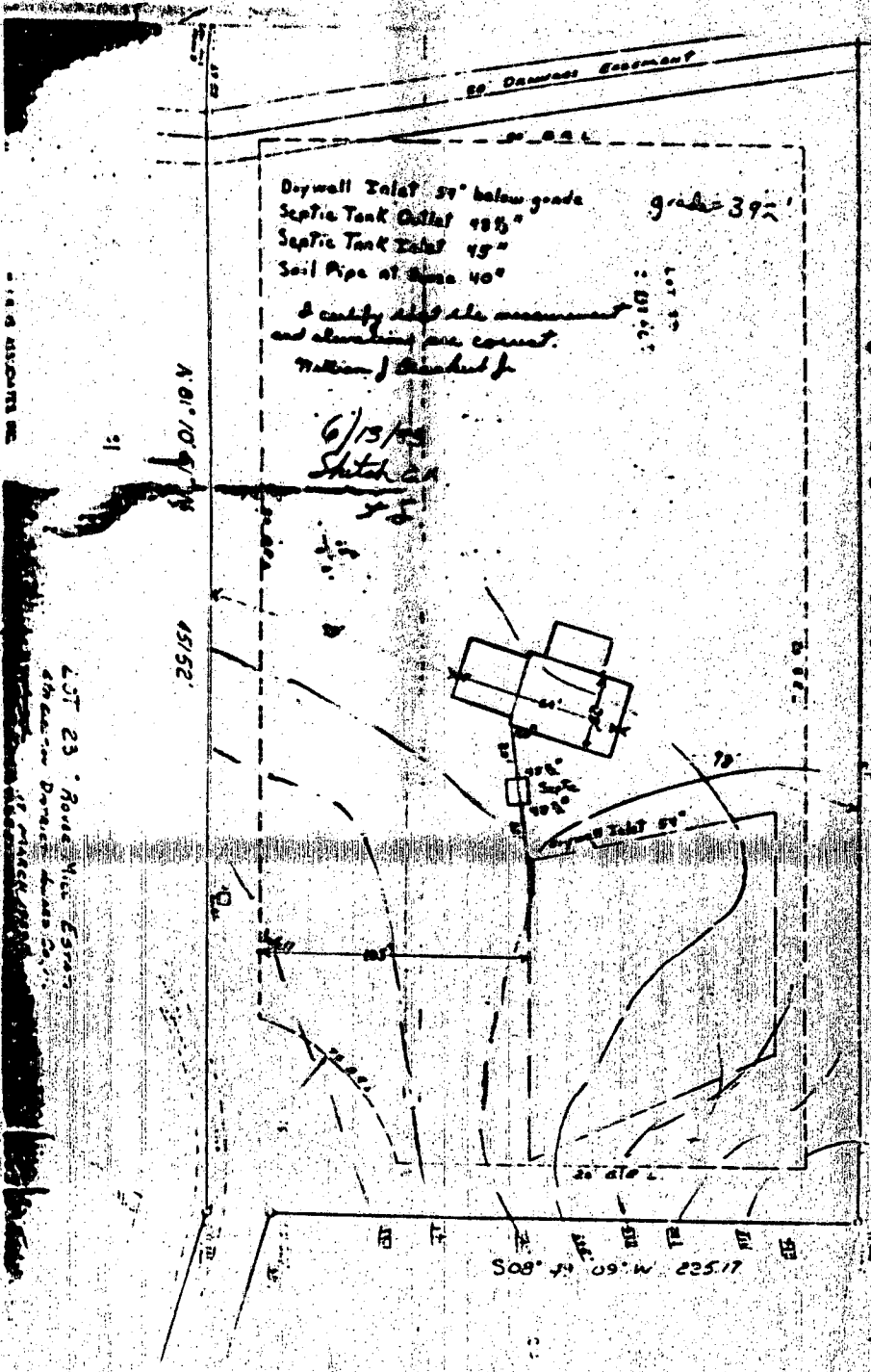
Lot 23

INDICATE NORTH - NEMS ADJOINING ROADWAY AS CASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2-3-75	15	5'	1101	1105	1105	1115	10
✓	15	12'	1101	1105	1105	1110	5
	35	5'	1105	1115	1115	1125	10
	30	13'	1105	1110	1110	1115	5
	45	4 1/2'	1111	1115	1115	1122	7
✓	47	11 1/2'	1112	1114	1114	1120	6
S.P.N.	2	11 1/2'	USUAL	SILTY	LOAM	ALL 40/60	

REMARKS _____
 TYPE OF SOIL Wet Loam
 TESTED BY HL RM ALSO PRESENT: FYACK

1" = 60'



Drywall Inlet 34" below grade
 Septic Tank Outlet 48 1/2"
 Septic Tank Inlet 45"
 Soil Pipe at base 40"
 grade = 39 1/2'
 & certify all measurements
 and elevations are correct.
 Motion of checked by

6/13/03
 Sketch by

1:10 DISTRICT

LOT 23 - Howe Hill Estate
 4th Avenue District, Kansas City, Mo.

N 01° 01' 10" W

431.52'

50' Drainage Easement

S 09° 49' 09" W 225.17'

S 01° 05' 11" E 431.52'

Property known as LOT 23
 ROVER HILL ESTATES
 SHEET 9 OF 4 PLAT 8818
 4TH DISTRICT 51ST
 HOWARD Co. MD

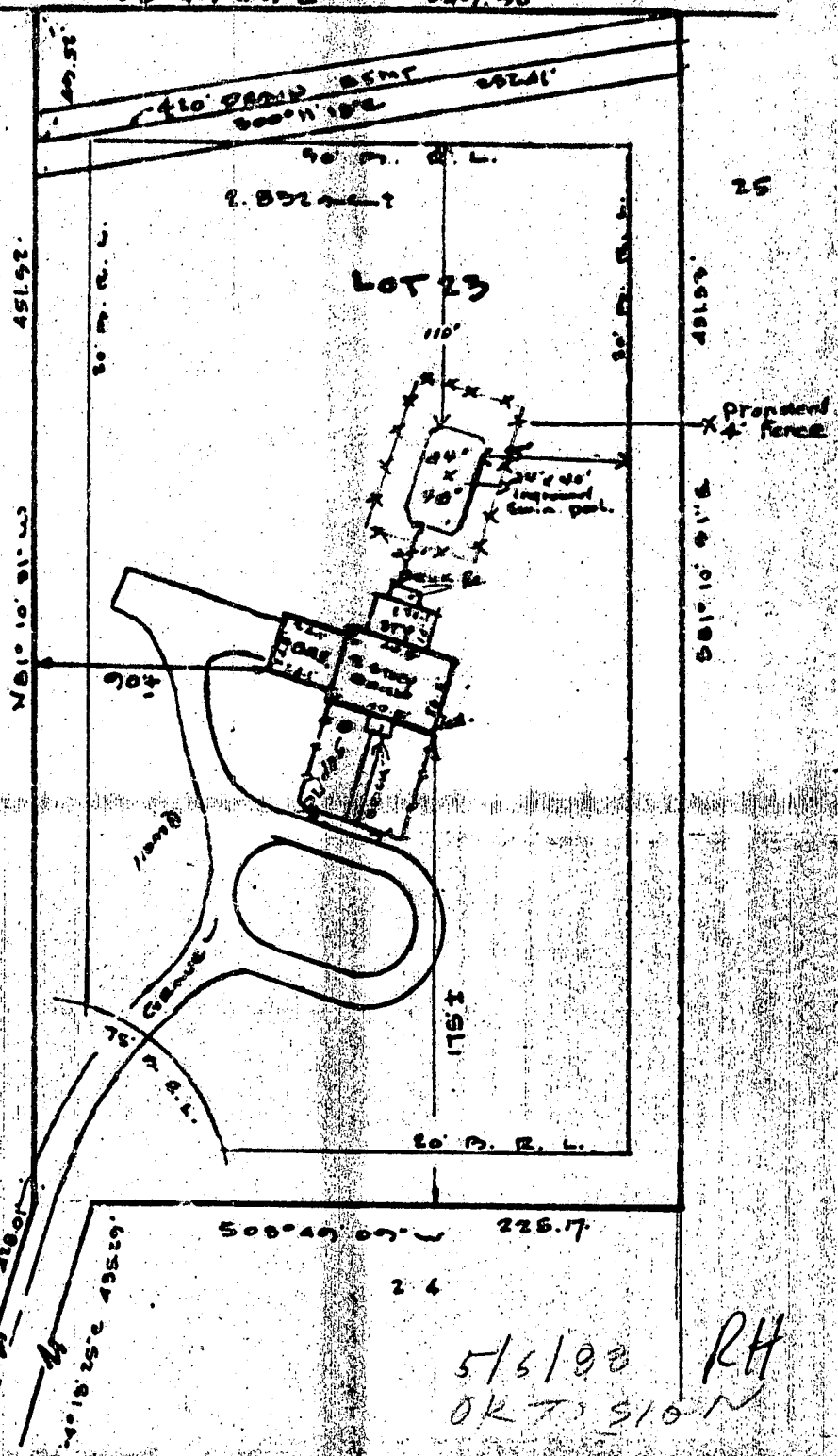
THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY
 LINES OR CORNERS.

$N 00^{\circ} 49' 00" E$ 249.70'

21

25

LOT 23



5/5/00 RH
 OK TO SIGN