

APPROVED
12/20/79
RH

12/20/79
around noon please

PERMIT

P 30420
A 26388

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

05-383242

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 12/13/79

Brantly Development IS PERMITTED TO INSTALL ALTER

ADDRESS 218 Teachers Building, Columbia, Md. 21044 PHONE 730-0810

SUBDIVISION Hallmark ROAD 7382 Hopkins Way LOT 45, Sec. 1

PROPERTY OWNER Brantly Development Corporation

ADDRESS same as above

SPECIFICATIONS 4 bedrooms

SEPTIC TANK CAPACITY 1250 GALLONS

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

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

SEEPAGE PITS ABSORBENT SIDE-WALL AREA 288 SQ. FT. total in dry well.

INLET PIPE 3 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 9 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 FACING LOT FROM

BLDG. PERMIT SIGNED
AND RETURNED 4/23/80
Serial # 43825
Pilot

Locate dry well 130 ft. from Hopkins Way and 10 ft. from left lot line (Lot 46).
Trench to be 50 ft. long and run slightly downhill parallel with Hopkins Way -
130 ft. from Hopkins Way. LEAVE 5 FT. EARTH BUFFER BETWEEN TRENCH AND DRY WELL.
CALL FOR INSPECTION OF TRENCH BEFORE INSTALLING GRAVEL IN TRENCH.

PLANS APPROVED BY David J. O'Neill DATE 12/1/77

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.

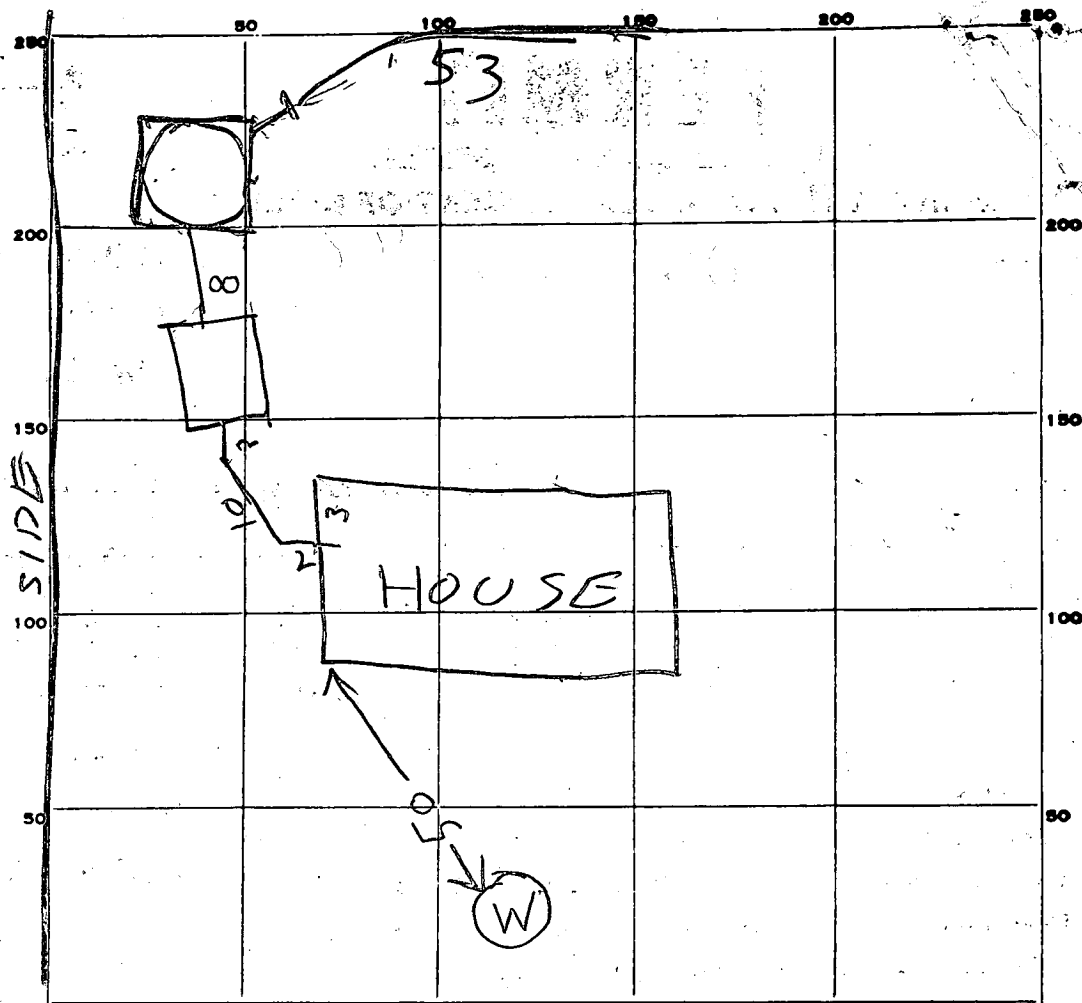
NOTE: ALL PIPE FROM HOUSE TO DISPOSAL AREA MUST BE CAST IRON.

PERMIT VOID AFTER THREE YEARS.

NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 8 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA ACCEPTED.

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

A 26388



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD _____

SEPTIC TANK, LEVEL OK 1500

CLEANOUTS

ST	DW
OK	OK

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 9 1/2 FT. TRENCH WIDTH 2-4 FT.

GRAVEL DEPTH 6 1/2 IN. TOTAL LENGTH 53 FT.

NUMBER OF TRENCHES 1 TOTAL BOTTOM AREA 318

SEEPAGE PITS, INSIDE PERIMETER 52 FT. DEPTH BELOW INLET 6 1/2 FT.

ABSORBENT AREA 338 SQ. FT.

REMARKS 12/20/79 - LOCATION OK PER PLANS DW INLET

3 1/2 FT BELOW GRADE. ADD STONE TO DITCH

12/20/79 ¹⁰⁰ - STONE ADDED TO PITCH

DATE SYSTEM APPROVED 12/20/79

INSPECTOR Raymond J. Hodges

APPLICATION

A 26388

P _____

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

DISTRICT 5th

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

DATE JUNE 28, 1977

BLDG. PERMIT SIGNED
AND RETURNED 8/31/78

Serial # 41116

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 JOHN MIKOLASKO Brantly Development Corp.

ADDRESS 2205 FOXLEY ROAD (21044) ^{218 Teachers Building} PHONE 252-3478
FIMONUM, MD. 21043 730-0810

PROPERTY LOCATION:
SUBDIVISION HALL MARK SECTION 2 LOT NO. 45

ROAD AND DESCRIPTION 7382 ~~HALL MARK~~ ROAD Hopkins Way

SIZE OF LOT 1 ACRE (±) TYPE BLDG. 3 OR 4
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 JOHN MIKOLASKO by James L Neubauer

APPROVED BY Paul J. O'Neil FOR TW & TWAES DATE 12/1/77
(KIND OF SYSTEM)

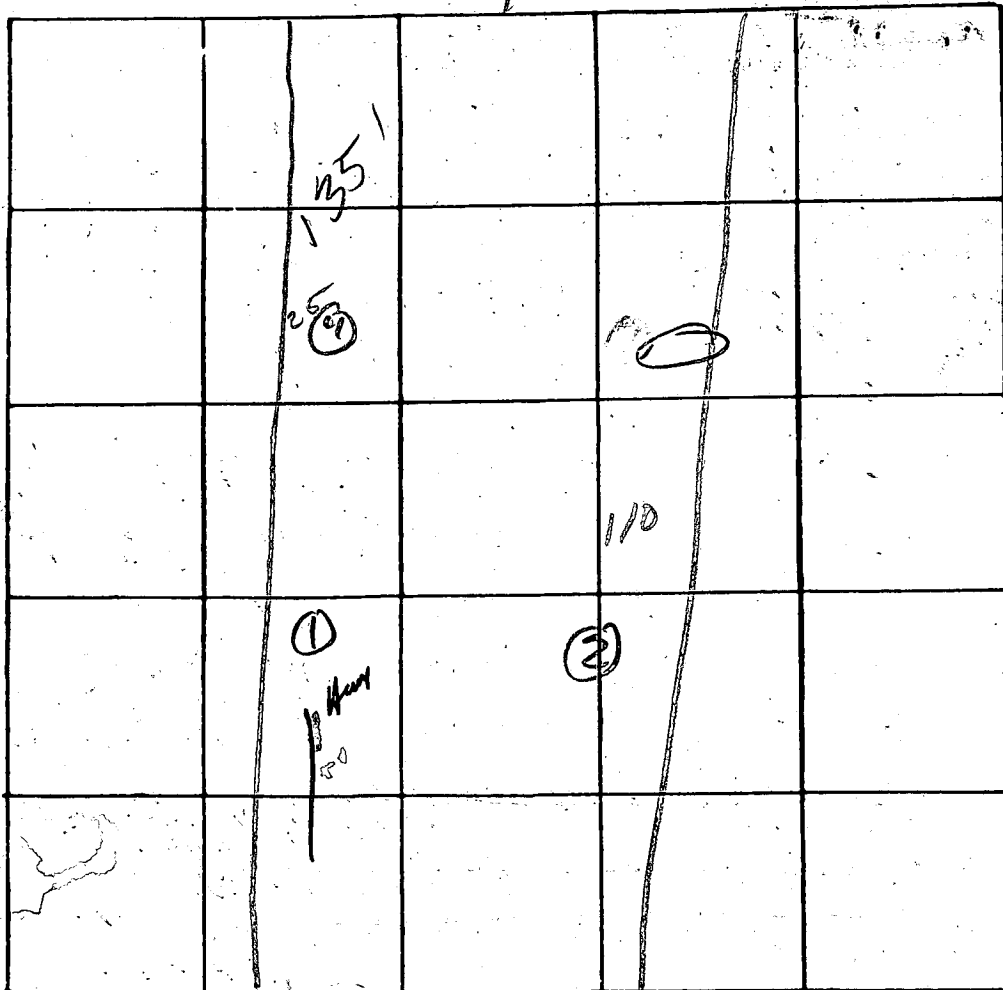
REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

45



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

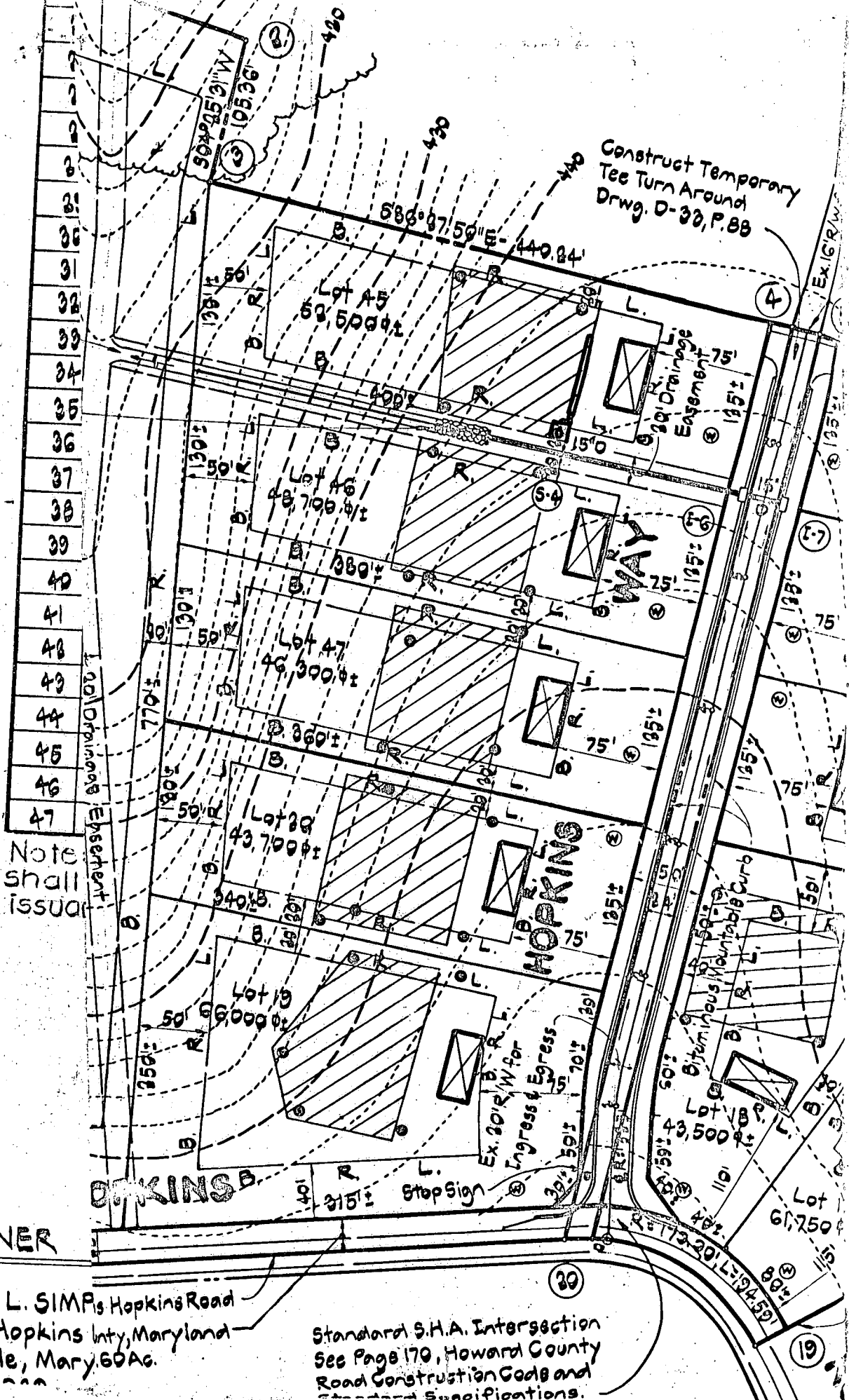
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
7/15/70	1 S	3 1/2	11 42			11 52	6
	T	1 1/2	11 42			11 52	6
	3 S	4	11 44			11 52	6
	4	1 3/4	11 44			11 56	8
	4 S	5	11 46	11 52	11 52	12 00	8
	11	1 3/4	11 46			11 57	4
	2	3 1/2 - 1 1/2	04				

8 1/2
3 1/2

REMARKS _____

TYPE OF SOIL _____

TESTED BY P. H. H. ALSO PRESENT: _____



Construct Temporary Tee Turn Around
 Drwg. D-30, P. 88

Note shall issue

OWNER

DONALD L. SIMP, Hopkins Road
 Johns Hopkins Inty, Maryland
 Clarksville, Mary, 60 Ac.

Standard S.H.A. Intersection
 See Page 170, Howard County
 Road Construction Code and
 Specifications.

B 1 **7651** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401
APPLICATION FOR PERMIT TO DRILL WELL

WRA PERMIT NUMBER
HO-73-2814
FILL IN THIS FORM COMPLETELY

DATE RECEIVED (WRA USE ONLY)
 6/23/78
 1:30 p.m.

OWNER Branth Development Corporation
 COL 15 LAST NAME FIRST NAME COL. 34

STREET OR RFD 318 Teachers Building
 COL 36 COL. 58

POST OFFICE Columbia, Md. 21094
 COL 57 COL. 76

B 1 CONTINUED **DRILLER INFORMATION**

1 2 3 (SEQ. NO.) 6

DATE May 22, 1978 LICENSE NUMBER 238
 77 80

FIRST NAME Joseph L. Mayne DRILLER LAST NAME

SIGNATURE Joseph L. Mayne

B 3 **LOCATION OF WELL**

1 2 3 (SEQ. NO.) 6

COUNTY Howard (DO NOT ABBREVIATE COUNTY NAME) 21

SUBDIVISION 1930 Mark Mark 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42

SECTION 44 LOT 45 46 47 48 49 50

NEAREST TOWN Innulton 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

MILES FROM TOWN (ENTER 0 IF IN TOWN) 2 1/2 M I

B 2 **WELL INFORMATION**

1 2 3 (SEQ. NO.) 6

MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 5 7 8 9 10 11 12 13 14 15 16 17 18 19 20

AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 750 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

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 } MUST HAVE STATE HEALTH DEPT. APPROVAL

PRIVATE WATER COMPANY }

TEST

B 4 **DIRECTION FROM TOWN**
 (CIRCLE APPROPRIATE BOX)

1 2 3 (SEQ. NO.) 6

NORTH EAST NORTHEAST SOUTHEAST

SOUTH WEST NORTHWEST SOUTHWEST

NEAR WHAT ROAD Hopkins Way 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) NORTH SOUTH EAST WEST

DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 35 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

APPROXIMATE DEPTH OF WELL 200 FEET 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH) 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100

METHOD OF DRILLING USED (CIRCLE APPROPRIATE METHOD)

BORED (OR AUGERED) JETTED DRIVEN

30-37 AIR-ROTARY AIR-PERCUSSION ROTARY (HYDRAULIC ROTARY)

CABLE REVERSE-ROTARY DRIVE-POINT

OTHER (DESCRIBE) _____

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

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 (WRA USE ONLY)

APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 63

FORCE 67 WRITE INITIALS IN BOX 68 CONDITIONS 70 71 72 73 74 75 76 77 78 79

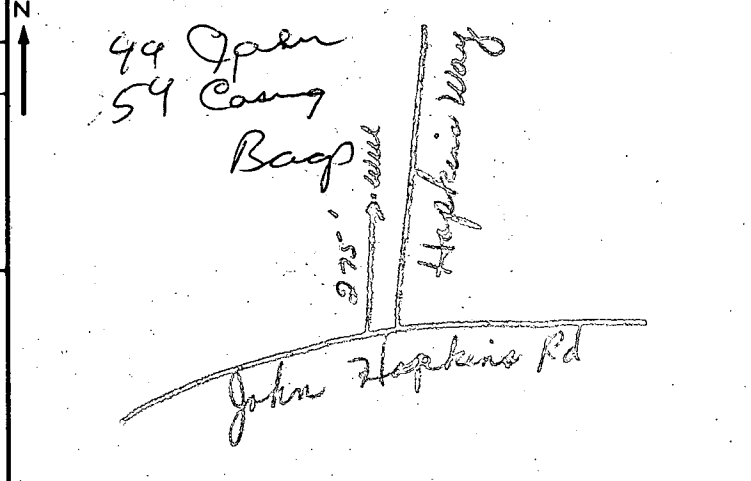
B 4 CONTINUED **HEALTH DEPARTMENT APPROVAL**

1 2 3 (SEQ. NO.) 6

41 STATE HEALTH (CIRCLE BOX) COUNTY NAME Howard COUNTY NO. 22910471

DATE 052978 MO. DAY YR. APPROVED BY Donald W. Monaghan, Sanitarian

DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS, ROADS AND STREAMS WITH NORTH IN THE DIRECTION OF THE ARROW, AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION OR STREAM CROSSING SHOWN ON THE SKETCH. ALSO SHOW, BY MEANS OF AN "X", THE WELL LOCATION IN THE BOX BELOW AND THE BOX NUMBER FROM THE WELL LOCATION MAP.



BOX NUMBER 820 480

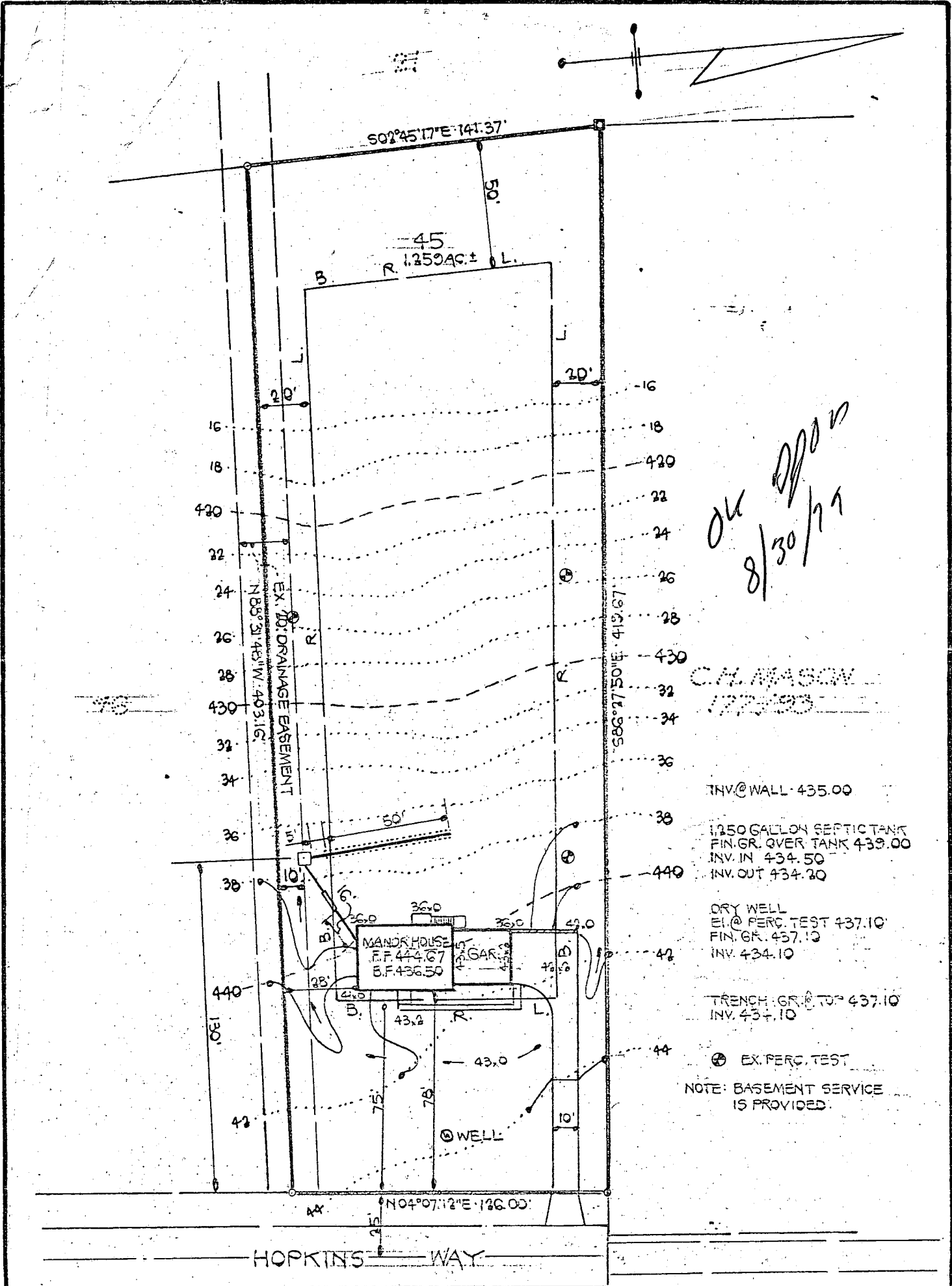
NORTH COORDINATE 50 51 52 53 54 55

EAST COORDINATE 57 58 59 60 61 62 63

ELEVATION AT WELL HEAD (FEET) 65 66 67 68

B 5 SPECIAL CONDITIONS 8-63 (WRA USE ONLY)

1 2 3 (SEQ. NO.) 6



I CERTIFY THAT THE ABOVE MEASUREMENTS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

Bruce D. Burton
BRUCE D. BURTON, DESIGN ENGINEER

8/10/79
DATE

BURTON ASSOCIATES
CIVIL ENGINEERS · LAND SURVEYORS
LAND PLANNERS · LANDSCAPE ARCHITECTS
210 SHADY NOOK CT. BALTO., MD. 21228 301-744-8471

SITE DEVELOPMENT PLAN

PREPARED FOR:
BRANTLY DEVELOPMENT CORP.
218 TEACHERS BLDG.
COLUMBIA, MD. 21044
301-750-0510

HALLMARK
SECTION ONE
LOT 45
5th ELECTION DISTRICT, HOWARD COUNTY, MD.
DATE: AUG. 10 1979 DRAWN: B.D.B. JOB NO.: 0053
SCALE: 1" = _____ CHECKED: B.D.B. FILE NO.: H-045

C 1 **7334** SEQUENCE NO. (WRA USE ONLY)

1 2 3 (SEQ. NO.) 8
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
WATER RESOURCES ADMINISTRATION
 TAWES STATE OFFICE BLDG., ANNAPOLIS, MD. 21401
WELL COMPLETION REPORT

THIS REPORT MUST BE SUBMITTED WITHIN 30 DAYS AFTER WELL COMPLETION.

FILL IN THIS FORM COMPLETELY.

COUNTY NUMBER

DATE RECEIVED (WRA USE ONLY) _____ DATE WELL COMPLETED June 22 1978

DEPTH OF WELL 305 (TO NEAREST FOOT) 22 26

PERMIT NO. FROM "PERMIT TO DRILL WELL" HO-73-2814

DRILLERS IDENTIFICATION NO. 038

OWNER Branth's Warehouse Corporation

STREET OR RFD 218 Teachers Building POST OFFICE Columbia

WELL LOG

STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING

DESCRIPTION (USE ADDITIONAL SHEETS IF NECESSARY)	FEET		CHECK IF WATER BEARING
	FROM	TO	
<u>Sand</u>	<u>0</u>	<u>52</u>	
<u>gray mica rock</u>	<u>52</u>	<u>305</u>	

GROUTING RECORD

WELL HAS BEEN GROUTED (CIRCLE APPROPRIATE BOX) YES NO

TYPE OF GROUTING MATERIAL (CIRCLE BOX):
 CEMENT BENTONITE CLAY

NO. OF BAGS 16 NO. OF POUNDS 1504

GALLONS OF WATER 96

DEPTH OF GROUT SEAL (TO NEAREST FOOT):
 FROM 0 FT. TO 49 FT.

CASING RECORD

CASING TYPES: STEEL CONCRETE PLASTIC OTHER

MAIN CASING TYPE ST NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 54

OTHER CASING (IF USED)

DIAMETER (INCH) _____ DEPTH (FEET) FROM _____ TO _____

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE: STEEL BRASS OR BRONZE OPEN HOLE PLASTIC OTHER

DEPTH (NEAREST WHOLE FOOT)

FROM 11 TO 305

EACH SCREEN: 1 110 2 _____ 3 _____

SLOT SIZE 1, _____ 2, _____ 3, _____

DIAMETER OF SCREEN 56 (NEAREST INCH) FROM _____ TO _____

GRAVEL PACK _____

IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX YES NO

WRA USE ONLY (NOT TO BE FILLED IN BY DRILLER)

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 3

PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 2

METHOD USED TO MEASURE PUMPING RATE air

WATER LEVEL: (DISTANCE FROM LAND SURFACE)
 BEFORE PUMPING 165 (NEAREST FOOT)
 WHEN PUMPING 5 (NEAREST FOOT)

TYPE OF PUMP USED (CIRCLE APPROPRIATE BOX) (FOR PUMPING TEST):
 AIR PISTON TURBINE
 CENTRIFUGAL ROTARY OTHER (DESCRIBE BELOW)
 JET SUBMERSIBLE

PUMP INSTALLED

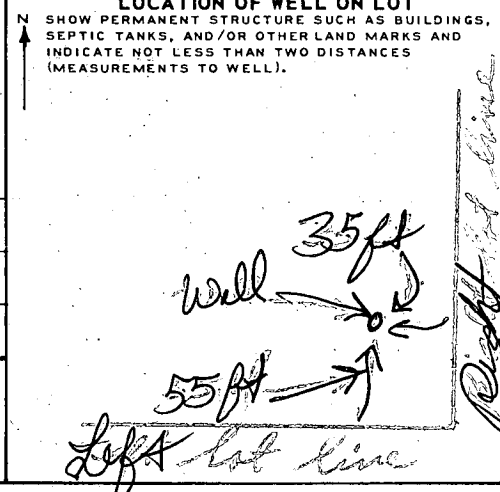
TYPE OF PUMP (WRITE APPROPRIATE LETTER IN BOX - SEE ABOVE: A, C, J, P, R, S, T, O) _____

DRILLER WILL INSTALL PUMP (CIRCLE APPROPRIATE BOX) YES NO

CAPACITY:
 GALLONS PER MINUTE (TO NEAREST GALLON) _____
 PUMP HORSE POWER _____
 PUMP COLUMN LENGTH (NEAREST FOOT) _____

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

ABOVE } LAND SURFACE: _____ (NEAREST FOOT)
 BELOW } _____



CIRCLE APPROPRIATE BOXES

A WELL WAS ABANDONED AND SEALED WHEN THIS WELL WAS COMPLETED

ELECTRIC LOG OBTAINED

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 NAME Joseph L. Mayne

SIGNATURE Joseph L. Mayne