

04-322983

Approved (GLK)
14 Sept. 78

28542

P ~~27520~~

A 27520

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY

INDEXED

ELLICOTT CITY

DISTRICT 4th

DATE 7/25/78

Mitchell-Wiley

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS

PHONE

SUBDIVISION

ROAD 16489 Route 144

LOT 20

PROPERTY OWNER Jessie Miller

ADDRESS

SPECIFICATIONS 2 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 166 SQ. FT. per bedroom.

INLET PIPE 5 FT. BELOW ORIGINAL GRADE. MAXIMUM DEPTH 13 FT. BELOW ORIGINAL GRADE

EFFECTIVE DEPTH AT FT. BELOW ORIGINAL GRADE.

LOCATE DISPOSAL AREA 130 FT. FROM back LOT LINE AND 64 FT. FROM left LOT LINE AS SEEN WHEN
FACING LOT FROM the front.

NOTE: the front lot line is 465.48 ft. long & runs N, the left lot line is 290.41 ft.

long and runs S.

PLANS APPROVED BY Raymond Hodges

DATE 3/7/78

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 2/27/81Serial # 45797
Garage and Storage Area

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

HD - 23

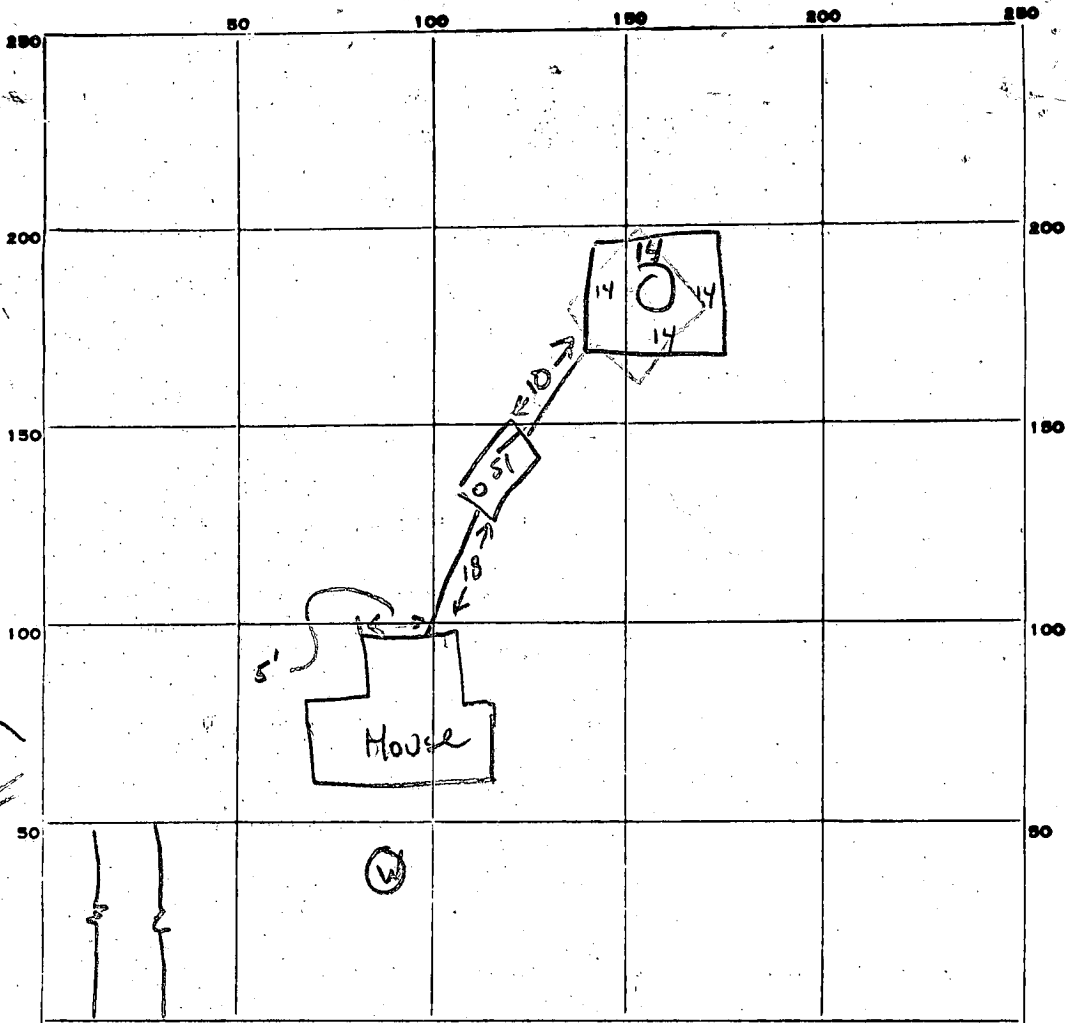
BLDG. PERMIT SIGNED
AND RETURNED 7/17/91

Serial # 38965 - Addition

A 27520

$$\begin{array}{r} 166 \\ \times 3 \text{ BR} \\ \hline 498 \end{array}$$

2 Bedroom



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD ☒

RT 144

SEPTIC TANK, LEVEL ☒

1000

CLEANOUTS

ST	OW
☒	☒

terracotta

DISTRIBUTION BOX, LEVEL

Na

TILE FIELD, DEPTH

Na

FT.

TRENCH WIDTH

FT.

GRAVEL DEPTH

IN.

TOTAL LENGTH

FT.

NUMBER OF TRENCHES

TOTAL BOTTOM AREA

SEEPAGE PITS, INSIDE DIAMETER

56

FT.

DEPTH BELOW INLET

8

FT.

ABSORBENT AREA

±448

SQ. FT.

REMARKS

14 Sept 78 - 50 ft² sheet based on calculation for 3 Bedroom. Inlet At 4 1/2'. FINAL OK (GLK)

DATE SYSTEM APPROVED

14 Sept 78

INSPECTOR

George J Keller

RECORDED
Index 0680
Folio 015

2/8/78 2/10/78
9:30 a.m.

APPLICATION

A 27520

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 4th
DATE 2/3/78

specs on other page

744

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 JESSE
Jessie Miller 489-4816 286-3450

ADDRESS 16333 Frederick Rd. Woodbine, Md. PHONE Allen Mitchell
442-2920

PROPERTY LOCATION: (BUT NOT PART)
SUBDIVISION Stanley Miller property (OF STANLEY MILLER) LOT NO. 20
SUB DIVISION

ROAD AND DESCRIPTION Route 144
16489 Route 144

SIZE OF LOT 1 acre TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE

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

BLDG. PERMIT SIGNED
AND RETURNED 5/10/78
Serial 70 357/14

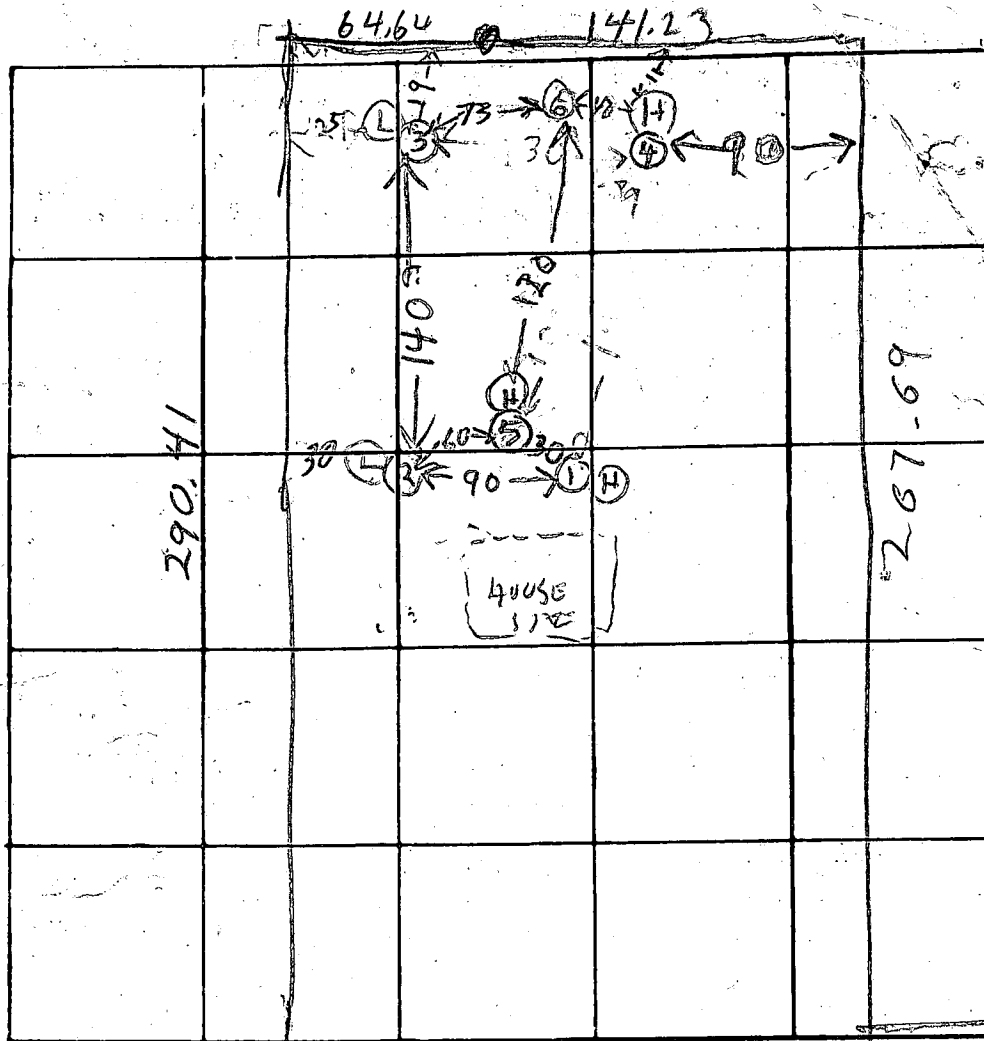
SIGNATURE OF APPLICANT Raymond Hodges
APPROVED BY DRYWBK FOR DATE 3/7/78
(KIND OF SYSTEM)

REJECTED BY FOR DATE
(KIND OF SYSTEM)

HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING 2/8/78 NIG MORE R.H. 2/10/78 OK Hold
for Certified Holder R.H.

THIS IS NOT A PERMIT



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

465.48

R/W ~~144~~ ¹⁴⁴

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/8/78	1S	6'	1054	1058	1058	1104	6
2/8/78	1D	13 1/2	1103	1117	1117	1200	little pers
	2S	6	1104	1111	1111	1118	7
	2D	12 1/2	1110	1126	1126	1150	24
	3D	12 1/2	1121	1132	1132	1144	10
	3S	6 1/2	1124	1144	1144	1148	59
	4S	6 1/2	1154	1156	1156	1206	10
	4D	13	1147	1206	1206	1244	38
	5D	13 1/2	1249	103	103	124	21
2/8/78	5S	5 1/2	1250	1256	1256	103	7

REMARKS: 27 holes were dug yesterday for this lot some of them are partly result of thawing & dropping into hole RH

TYPE OF SOIL

TESTED BY

Raymond G. Dodge

ALSO PRESENT:

Jesse Miller owner
Allen Mitchell Baker

A 27520
 Jesse Miller Lot
 Lot 20 Rt 144

2/10/78	6S	5 1/2	1028	1045	1048	1044	29
2/10/78	6D	1.15	1030	1051	1051	1044	23
2	3M	7	1038	1106	1106	1139	33
	3ED	152	TOP 8 FT CLAY 15 FT BOT 7 1/2 FT POROUS SOIL				
2/10/78	3MD	8 1/2	1149	1158	1158	1206	8
	3						

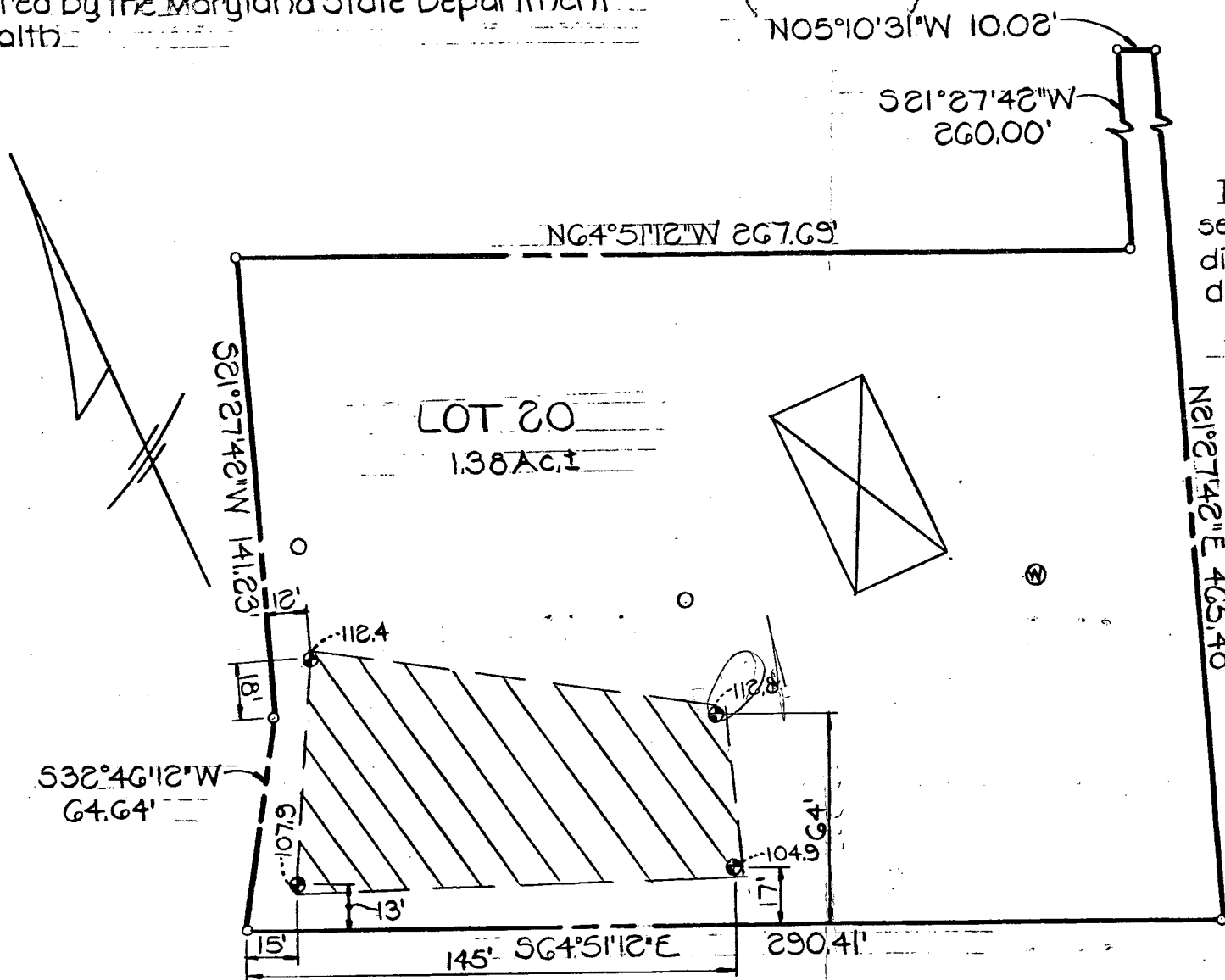
Leslie R. Hodger

Jesse Miller &
 Allen Mitchell present

10 14

Note: The lot shown hereon complies with minimum ownership width and lot area as required by the Maryland State Department of Health.

MD. ROUTE 144



I certify the measurements for the sewage disposal area and the sewage disposal area for this property is as designated

Walter Park 2/23/1978
Walter Park Md. Reg#5539 Date

Approved: For private water and private sewerage systems, Howard County Health Department

Jorge M. Bond 2-1-78
County Health Officer Date

● Denotes field located perches
○ Denotes bad holes
104.9 Denotes field elevations



CROVO & ASSOC. INC.
CIVIL ENGINEERING &
LAND SURVEYING
8669 OAK ROAD
BALTO., MD. 21234

PROPERTY OF
STANLEY MILLER
4TH ELECTION DISTRICT HOWARD CO., MD.
FEB. 24, 1978 SCALE: 1"=50'

STATE OF MARYLAND WATER RESOURCES ADMINISTRATION TAWES STATE OFFICE BLDG., ANNAPOLIS, MARYLAND 21401 APPLICATION FOR PERMIT TO DRILL WELL		WRA PERMIT NUMBER H0-73-2610 FILL IN THIS FORM COMPLETELY	
SEQUENCE NO. (WRA USE ONLY) 5825			
DATE RECEIVED (WRA USE ONLY) 4/10-4/11/78 10:00 a.m.		OWNER Miller Stanley	
STREET OR RFD 110333 1st. Rd.		POST OFFICE Woodbine Md.	
DRILLER INFORMATION DATE 2/13/78 LICENSE NUMBER 42		LOCATION OF WELL COUNTY Howard	
DRILLER FIRST NAME J. F. Easterday LAST NAME Easterday		SUBDIVISION 23 SECTION 44 LOT 20	
SIGNATURE J. F. Easterday		NEAREST TOWN Lisbon	
WELL INFORMATION MAXIMUM PUMPING RATE (GALLONS PER MINUTE) 12 AVERAGE DAILY QUANTITY NEEDED (GALLONS PER DAY) 600		DIRECTION FROM TOWN (CIRCLE APPROPRIATE BOX) ☒ NORTH ☐ EAST ☐ NORTHWEST ☐ SOUTHWEST	
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		NEAR WHAT ROAD RT 94 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX) ☐ NORTH ☐ SOUTH ☒ EAST ☐ WEST	
APPROXIMATE DEPTH OF WELL 150 FEET APPROXIMATE DIAMETER OF WELL 6 (NEAREST INCH)		DISTANCE FROM ROAD (ENTER DISTANCE AND CIRCLE APPROPRIATE BOX) 200	
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)		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.	
REPLACEMENT OR DEEPEINED 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 DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)		RT 94 + well 86' casing 2 casing above grade 16' open hole obstruction at 16' +40' grout pipe jettied 18 bags of cement 4/10/78 O.K. F.S.	
NOT TO BE FILLED IN BY DRILLER (WRA USE ONLY) APPROPRIATION PERMIT NUMBER 54 ENGINEER REVIEW DISTRICT NO. 63		BOX NUMBER 770	
FORCE 67 WRITE INITIALS IN BOX LW CONDITIONS 70		NORTH COORDINATE 54 EAST COORDINATE 07	
HEALTH DEPARTMENT APPROVAL STATE HEALTH Howard COUNTY NAME W27575 COUNTY NO. DATE 021778 APPROVED BY Donald W. Monaghan Sanitarian		ELEVATION AT WELL HEAD (FEET) 65	
SPECIAL CONDITIONS 8-63 (WRA USE ONLY)		HEALTH	

MD. ROUTE 144

NG5°10'31"W 10.02'

To Md. Rte. 97

S21°27'42"W 260.00'

126

124

122

120

118

116

114

112

110

108

106

104

102

Building Restriction Line

NG4°51'12"W 267.69'

S21°27'42"W 141.23'

S32°46'12"W
64.64'

S64°51'12"E 290.41'

Ex. Gravel Driveway

Prop. Well

Prop. 1250 Gal.
Septic Tank
130' INV. 111.67

PROP. DRY WELL
EX. & FIN. GR. 112.8

FF. 119.0
B.E. 111.0

INV. 112.37
INV. 112.00

24

118x5

118x5

118x3

118x3

118x3

118x3

118x3

118x3

118x3

118x3

118x3

118x3

118x3

118x3

5/8/78 PLANS OK
R/H

PLAN TO ACCOMPANY APPLICATION
FOR BUILDING PERMIT

LOT 20

PROPERTY OF

STANLEY MILLER

4TH ELECTION DISTRICT, HOWARD CO., MD.

MARCH 14, 1978

SCALE: 1"=50'

CROVO & ASSOCIATES, INC.
CIVIL ENGINEERING &
LAND SURVEYING
8669 OAK ROAD
BALTIMORE, MARYLAND 21234

C 1	3249	SEQUENCE NO. (WRA USE ONLY)
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
NUMBERDATE RECEIVED
(WRA USE ONLY)

DATE WELL COMPLETED

DEPTH OF WELL

PERMIT NO. FROM "PERMIT TO DRILL WELL"

28 29 30 31 32 33 34 35 36 37

DRILLERS IDENTIFICATION NO.

OWNER: MILLER, STANLEY (JESSIE MILLER OWNER)
 LAST NAME FIRST NAME
 STREET OR RFD: 116333 FREDERICK ROAD POST OFFICE: WOODBINE, MD. 21797

WELL DESCRIPTION

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	
TOP SOIL	0	3	
SHALEY	3	30	
SHALE	30	70	
BROWN SLATE	70	100	
BLUE SLATE	100	160	
BROWN SLATE	160	165	
Blue SLATE	165	185	

GROUTING RECORD

WELL HAS BEEN GROUTED
(CIRCLE APPROPRIATE BOX)

TYPE OF GROUTING MATERIAL (CIRCLE BOX)

CEMENT ☒ M BENTONITE CLAY ☐ BC
 NO. OF BAGS 18 NO. OF POUNDS 1800

GALLONS OF WATER 90

DEPTH OF GROUT SEAL (TO NEAREST FOOT)

FROM 0 FT. TO 40 FT.
 (ENTER 0 IF FROM SURFACE)

CASING RECORD

CASING TYPES
 (INSERT APPROPRIATE CODE BELOW)

STEEL ☐ S ☐ T CONCRETE ☐ C ☐ O
 PLASTIC ☐ P ☐ L OTHER ☐ O ☐ T

MAIN CASING TYPE ☐ S ☐ T NOMINAL DIAMETER TOP (MAIN) CASING (NEAREST INCH) 6 TOTAL DEPTH OF MAIN CASING (NEAREST FOOT) 86

OTHER CASING (IF USED)

EACH CASING	DIAMETER (INCH)		DEPTH (FEET)	
	FROM	TO	FROM	TO
1				
2				

SCREEN RECORD

SCREEN TYPE OR OPEN HOLE

(INSERT APPROPRIATE CODE BELOW)

STEEL ☐ S ☐ T BRASS OR BRONZE ☐ B ☐ R OPEN HOLE ☐ H ☐ O
 PLASTIC ☐ P ☐ L OTHER ☐ O ☐ T

C 2 (SEQ. NO.)

1 2 3 (SEQ. NO.)

DEPTH (NEAREST WHOLE FOOT)

FROM TO

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

SLOTS SIZE 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

DIAMETER OF SCREEN 56 (NEAREST INCH)

FROM TO

GRAVEL PACK ☐ IF WELL DRILLED WAS A FLOWING WELL CIRCLE BOX ☐ F

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

(E.P.O.S.)

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

TELESCOPE CASING LOG INDICATOR OTHER DATA AVAILABLE

PUMPING TEST

HOURS PUMPED (TO NEAREST HOUR) 2PUMPING RATE (GALLONS PER MINUTE TO NEAREST GALLON) 30METHOD USED TO MEASURE PUMPING RATE BUCKET

WATER LEVEL: (DISTANCE FROM LAND SURFACE)

BEFORE PUMPING 40 (NEAREST FOOT)WHEN PUMPING 185 (NEAREST FOOT)

TYPE OF PUMPED USED (CIRCLE APPROPRIATE BOX)

A AIR P PISTON T TURBINE

C CENTRIFUGAL R ROTARY O OTHER (DESCRIBE BELOW)

J JET S 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)

CAPACITY:

GALLONS PER MINUTE (TO NEAREST GALLON) 31 35PUMP HORSE POWER 37 41PUMP COLUMN LENGTH (NEAREST FOOT) 43 47

CASING HEIGHT (CIRCLE APPROPRIATE BOX AND ENTER CASING HEIGHT)

A ABOVE B BELOW

LAND SURFACE (NEAREST FOOT)

49 50 51

LOCATION OF WELL ON LOT

SHOW PERMANENT STRUCTURE SUCH AS BUILDINGS, SEPTIC TANKS, AND/OR OTHER LAND MARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL).

CIRCLE APPROPRIATE BOXES

- ☐ 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 NAME

(PLEASE PRINT) L. F. EASTERDAYSIGNATURE L. F. Easterday

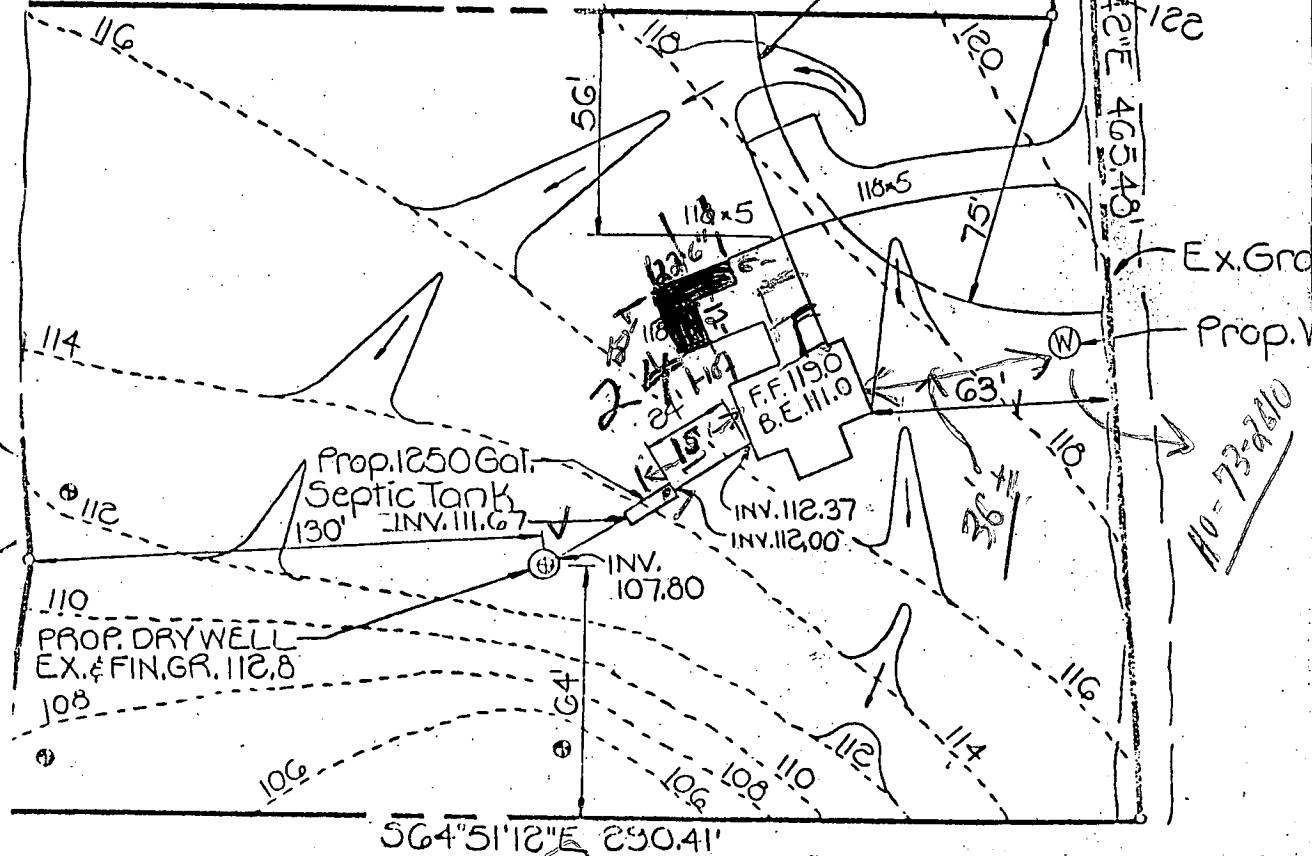
MD. ROUTE 144

N65°10'31"W 10.02'

To Md. P.

~~PERMIT~~ 1666560
7/19/91
NO COPY RETAINED,
C.W.

Building Restriction Line
N64°51'12"W 267.69'



= Addition
B.P. 38965

Wally and Septoo
OK
7/19/91
C. Bel

5/9/79

CIATES, INC. Released
7/19/91

PLAN TO ACCOMPA
FOR BUILDING
LOT 20
PROPERTY
STANLEY M