

9/28/84
Anytime
Trenches
11/5/84

W.P.I. - 11/14/84
Anytime

11/5/84 app J.S.

PERMIT

P 34364

A 31357

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

05-392292

ELLICOTT CITY

DISTRICT 5th

INDEXED

DATE 9/17/84

Howard Edwards Construction Co. IS PERMITTED TO INSTALL ALTER

ADDRESS 6645 Mink Hollow Road, Dayton, Maryland PHONE 596-9147

SUBDIVISION Jocelyn Acres ROAD 6681 Luster Drive LOT 1 Section II

PROPERTY OWNER Robert Hickernell

ADDRESS 6722 Montell Court
Highland, Maryland 20860

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

TRENCHES - 158 sq. ft. per bedroom. Minimum Total sq. ft. 632. Trench 2 feet wide. Inlet 4 feet below original grade. Maximum depth 9 feet below original grade. Effective area begins at 4 feet below original grade with 5 feet of stone below distribution pipe.

LOCATION: Start the trench at a point 375 feet from the front (230') lot line and 30 feet from the left (695') lot line, as seen when facing the lot from Luster Drive. Run the trench on level ground towards the front lot line. NOTE: No trench to exceed 100 feet in length. If more than one trench used, a distribution box is required. Trenches to be installed on level ground.

PLANS APPROVED BY Stephen Kiel DATE 1/26/82

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.

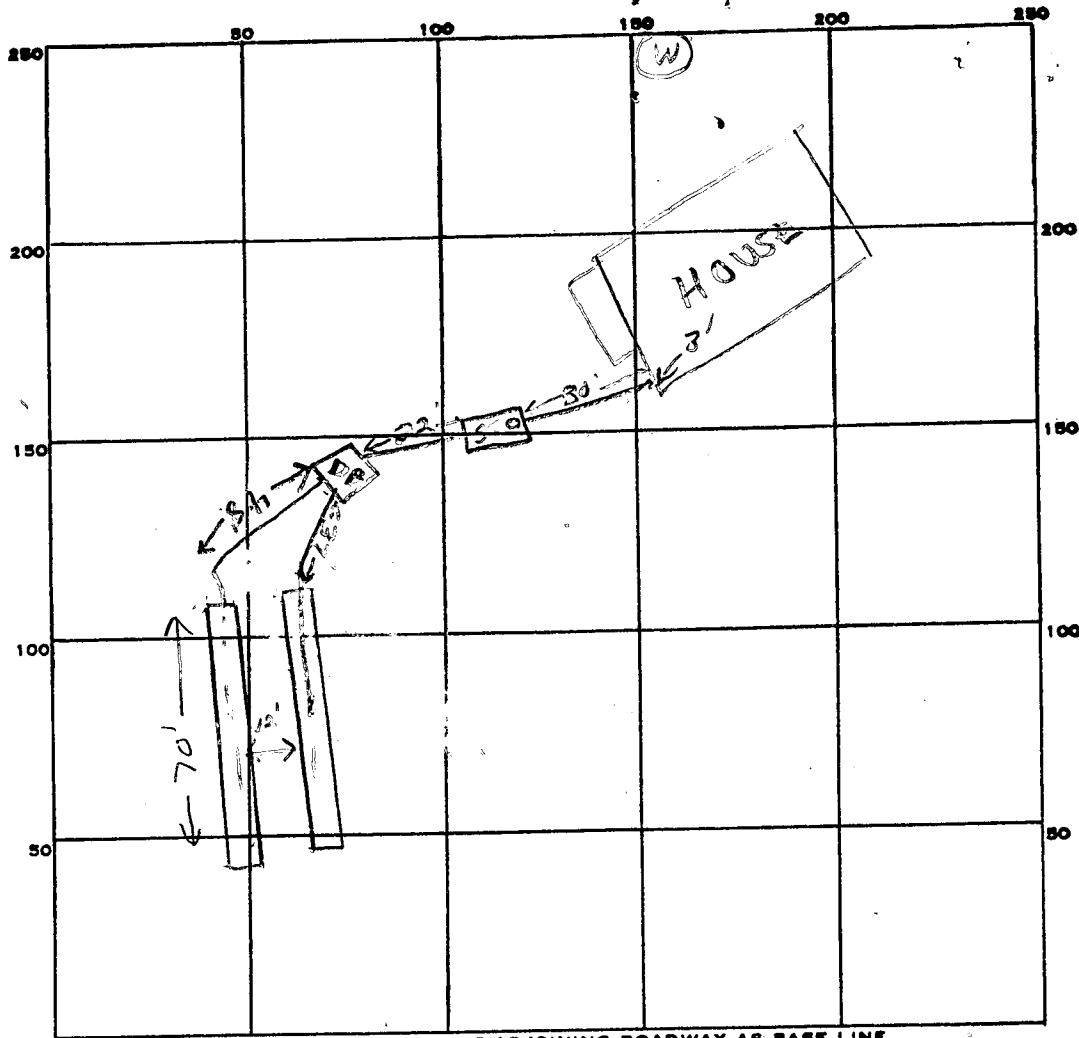
BLDG. PERMIT SIGNED
AND RETURNED 2/4/85
Serial # 62976
Wood Stone

A 31357

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

Luster Rowe

PERMIT CARD _____

SEPTIC TANK, LEVEL ✓ 1500gal.

CLEANOUTS OK

DISTRIBUTION BOX, LEVEL OK

TILE FIELD, DEPTH 9 FT. TRENCH WIDTH 2 FT.

GRAVEL DEPTH 5 FT. TOTAL LENGTH 140 FT.

NUMBER OF TRENCHES 2 TOTAL BOTTOM AREA 700 ϕ

140
5
700

SEEPAGE PITS, INSIDE DIAMETER _____ FT. DEPTH BELOW INLET 5 FT.

ABSORBENT AREA 700 SQ. FT.

REMARKS 9/28/84 OK to add stone in trenches

11/5/84 OK to cover all work F.S.

DATE SYSTEM APPROVED

11/5/84

INSPECTOR

T. Skovira

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 31357

P _____

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES

P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

DISTRICT 5th

DATE APRIL 29, 1981

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 Hickernell
MANGLITZ AND ASSOCIATES

ADDRESS 6722 Montell Ct.
P.O. BOX 701 ADELPHI, MARYLAND 20783 PHONE 653-0804 774-4600

PROPERTY LOCATION: Highland, Md 20777

SUBDIVISION JOCELYN ACRES LOT NO. 9 NEW 1 sect II

ROAD AND DESCRIPTION NORTHWEST CORNER OF HIGHLAND ROAD AND MINK HOLLOW ROAD
6681 Luster Drive

SIZE OF LOT 3.5 AC.± TYPE BLDG. 4 BR per B.P. 59728
SINGLE FAMILY
(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.

Charles J. Conrad Sr.
(SIGNATURE OF APPLICANT)

APPROVED BY Stephen Kriel FOR Trenchard DATE 1/26/82

REJECTED BY _____ FOR _____ DATE _____

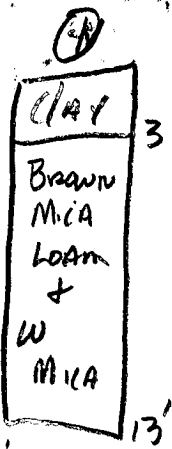
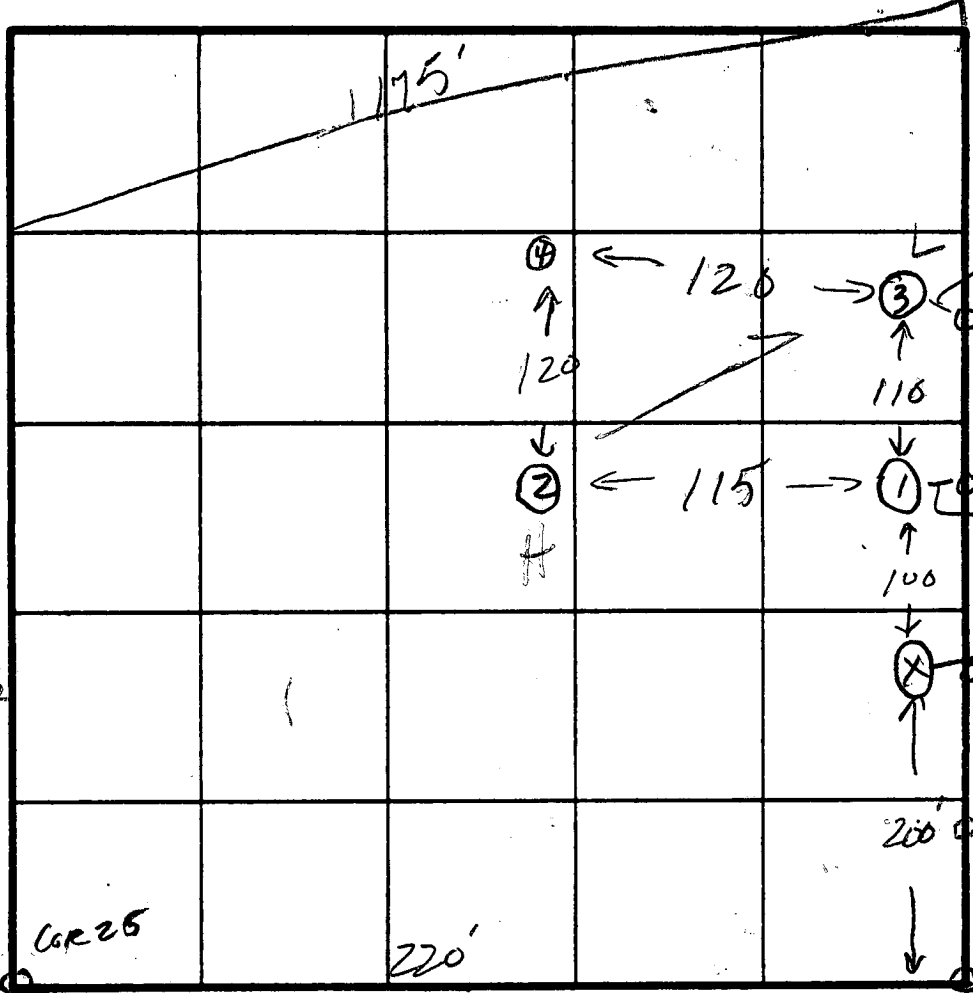
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 5/12/81 Hold certified plans - SK-1

BLDG. PERMIT SIGNED
AND RETURNED 7/6/84
Senators 5 9728 SFD.

THIS IS NOT A PERMIT

#9 010 26



7 1/2 - 8' CLAY

Cor 25

220'

Cor 26/27

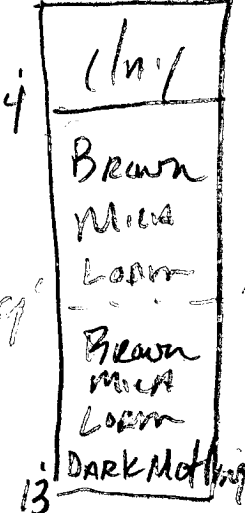
LUSTER DRIVE EXTENDED

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

3

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
5/21/81	1 S	4'	10:47	10:48	10:48	10:51	3	
	D	8'	10:47	10:48	10:48	10:53	5	
		14'						
	2 S	3'	10:59	11:02	11:02	11:06	4	
	D	7'	10:58	11:01	11:01	11:09	8	
		12'						
	3 S	4'	11:19	11:25	11:25	11:34	9	
	M	8 1/2'	11:17	11:19	11:19	11:25	6	
	D	13'						
	4 V	13'	12' 4' clay 4' 13' Brown mica loam w weathered mica					

E = 6
inlet 4
200
70



REMARKS open Field Day well

TYPE OF SOIL

TESTED BY SK 5/21/81 ALSO PRESENT Fjock + A. Bogden OF F.C.C.

EH-12-1079

1112' 8" 1112' 8" 342' 4" 342' 4"

UNIDENTIFIED
405' 0" 0"

Signed
Prelim. Plan

525

405' 0"

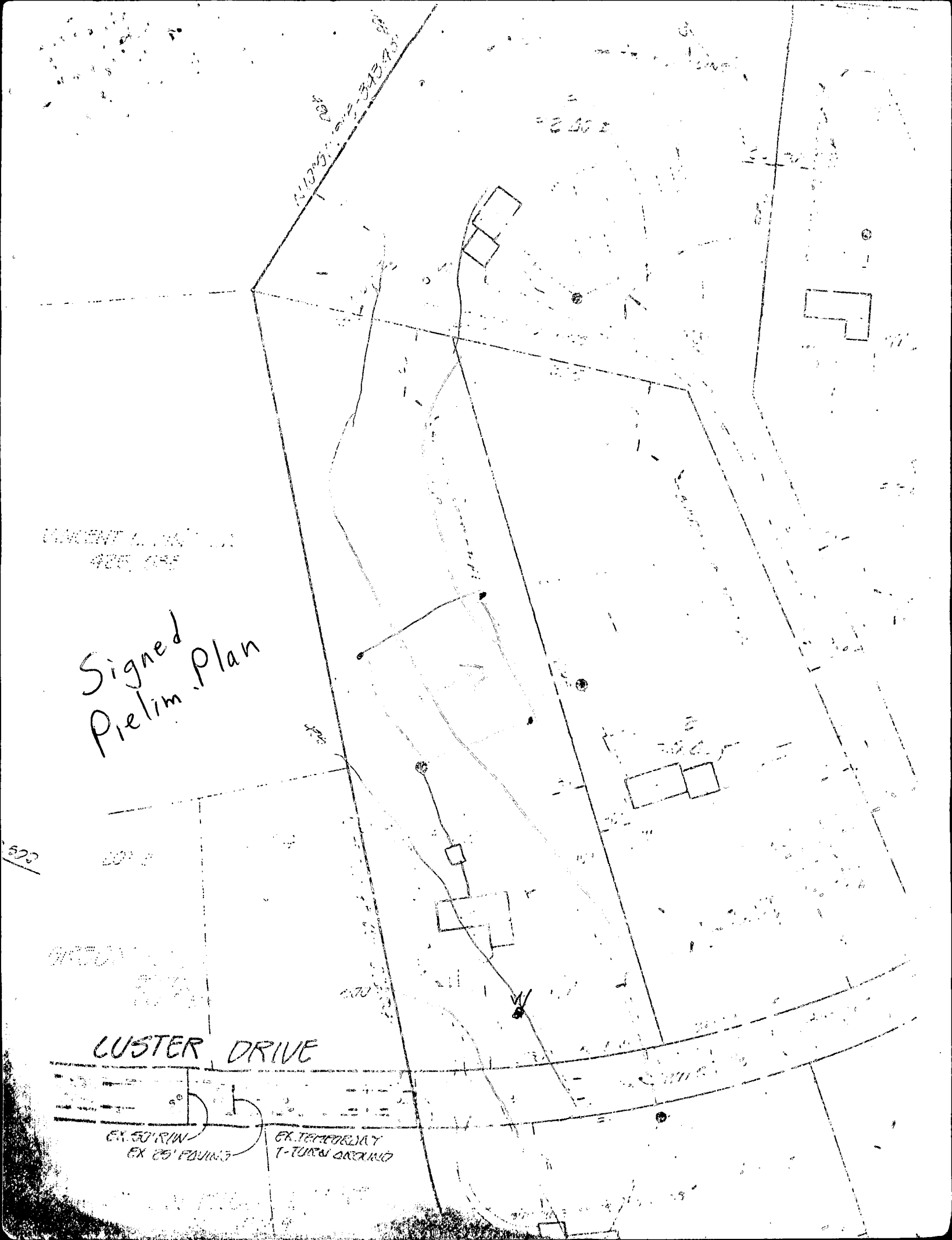
GREEN

400'

LUSTER DRIVE

EX. 50' R/W
EX. 25' PAVING

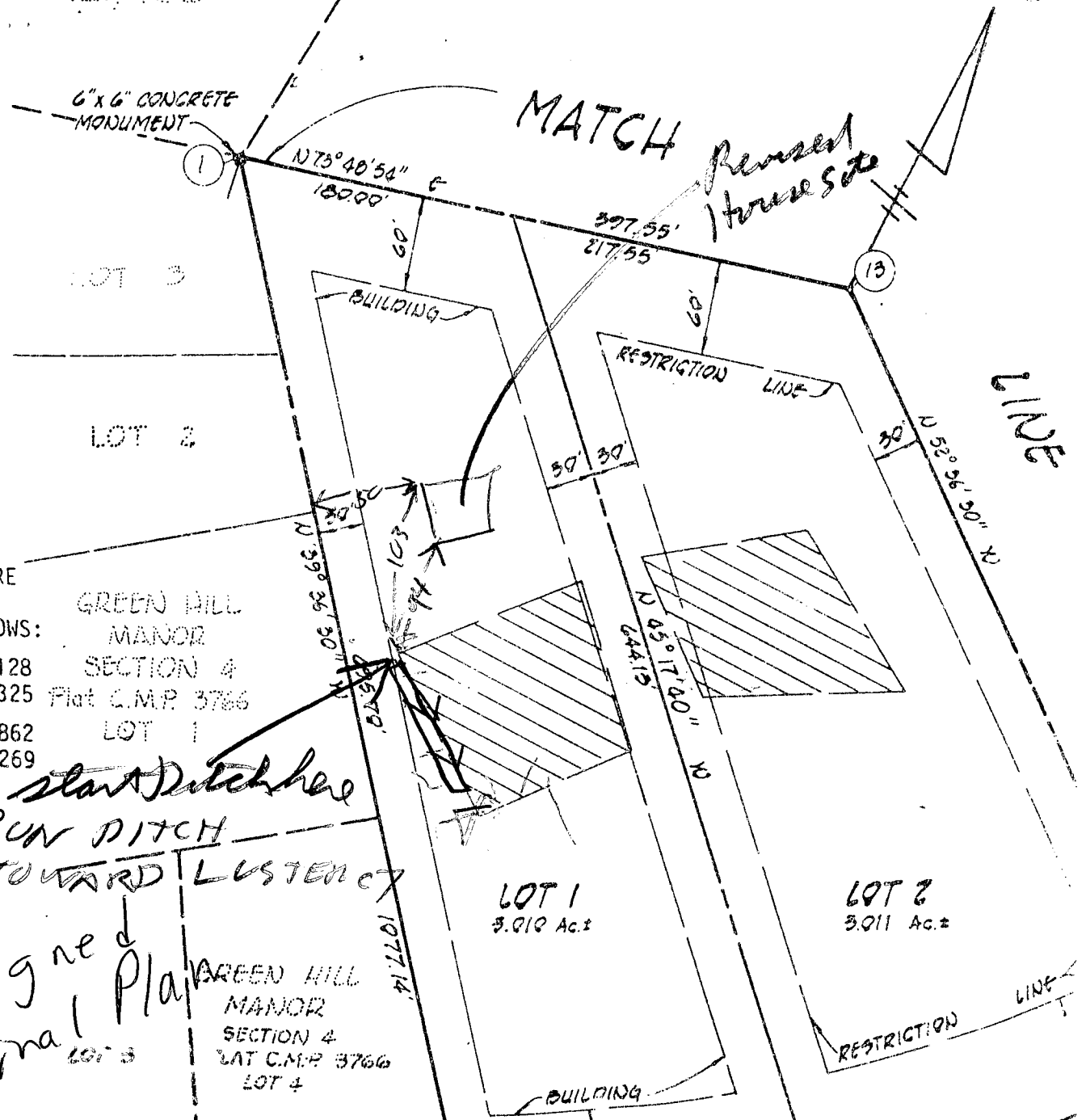
EX. TEMPORARY
T-TURN GRADING



CRUSHED STONE
INC.
421/702

22-23	25.00	21.03	48°-11'-00"
24-25	1250.00	479.97	22°-00'-00"
26-27	-	460.77	22°-00'-00"

90	804384.71
57	804497.63
15	804786.70
76	804947.93
44	804808.45
98	804737.70
12	804733.00
85	804665.53
61	804240.63
82	804302.37
22	804334.65
94	804545.56
33	805610.85
3	805376.02
10	805281.25
4	805051.32
6	804836.66
6	804790.66
6	804772.73
5	804697.37
8	804340.70
83	804315.24
2	804657.64



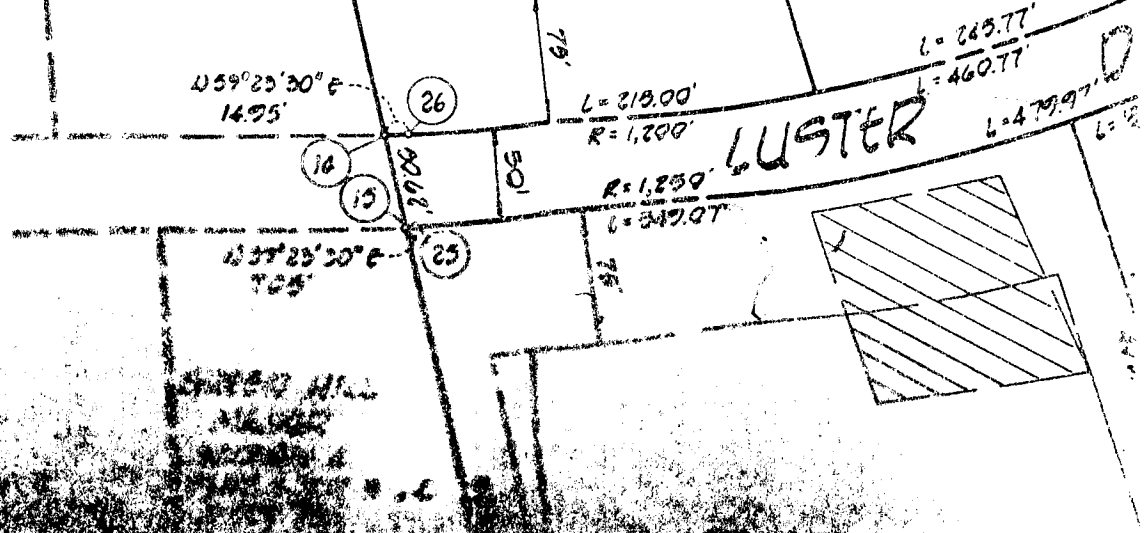
PLATS HEREON ARE
IN LASTER COUNTY
AS FOLLOWS:

GREEN HILL
MANOR
SECTION 4
Plat C.M.P. 3766
LOT 1

start Ditch here
RUN DITCH
TOWARD LUSTER

Signed
Final 10/13

GREEN HILL
MANOR
SECTION 4
Plat C.M.P. 3766
LOT 4



MATCH

CONTOUR

1

N73°40'54" E
180.00'

397.55'
217.55'

13

HOUSE:
1ST FL. ELV. 496'
Basement ELV. 487.7'
INVERT ELV. (OUT
of house) 490.25'

DRYWELL:
INLET ELV. 488'
EXIST ELV. 492'

RESTRICTION
SEPIC TANK 480' OF
ELV INTO 492'
EXIST ELV 492'
ELV OUT 489.75'

SCALE 1" = 70'

HICKERNELL
LOT 1, Sec. 2
JOCELYN ACRES
6681 Luster Dr.
Highland Md.
20777

LOT 1
3.010 Ac.±

LOT 2
3.011 Ac.±

BUILDING

RESTRIC

14.95'

L = 215.00'
R = 1,200'

L = 260.77'
L = 460.77'

LUSTER

L = 479.97'

14

26

N52°56'30" W
30'

BT 3

BUILDING

WELL
EXIST. ELV. 498'

30'

30'

30'

81.66'

120'

120'

120'

115'

N 25°17'40" E
64.415'

20'

300'

375'

107.14'

61'

78'

50'

B 1 **3684** SEQUENCE NO. (OEP USE ONLY)
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

STATE OF MARYLAND
 PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER
HO-81-0539
 fill in this form completely

Date Received **10:00 AM 6/19/84**
02284
 OWNER INFORMATION
HICKERNELL ROBERT
6722 MONTELL CT
HIGHLAND MD 20860

B 3 LOCATION OF WELL
HOWARD COUNTY
JOCELYN ACRES SUBDIVISION
 SECTION **2** LOT **1**
HIGHLAND NEAREST TOWN
 MILES FROM TOWN (enter 0 if in town) **3** MI

DRILLER INFORMATION
Austin Hawes
Keyser-Hawes W.D. Inc.
9125 Bethel rd Fred.
Austin Hawes 2-15-84

B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)
 NEAR WHAT ROAD **Mink Hollow**
 ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)
 DISTANCE FROM ROAD **5** FT or MI **MI**

B 2 WELL INFORMATION
 APPROX. PUMPING RATE (GAL. PER MIN.) **2**
 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) **800**

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL
HOWARD COUNTY NAME
A31357 COUNTY NO.
 OEP SIGNATURE **Frank Skinn** DATE ISSUED **11/22/84**
 NORTH GRID **494000** EAST GRID **0804000**

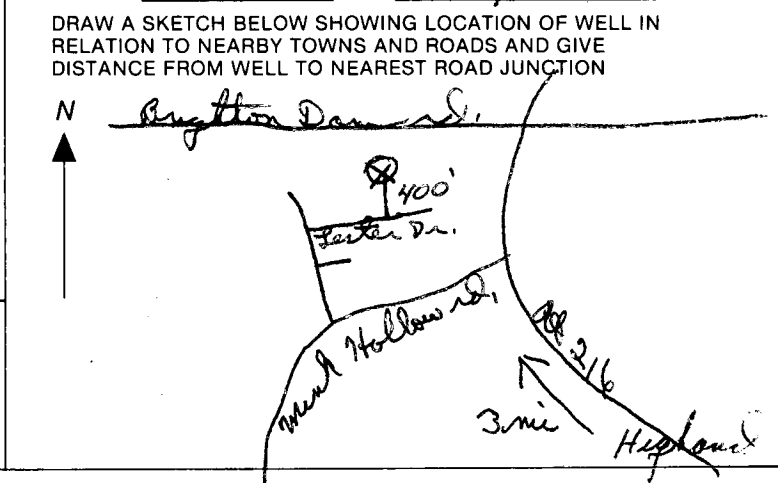
USE FOR WATER (CIRCLE APPROPRIATE BOX)
 HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
 FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
 INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
 PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
 TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL **400** FEET
 APPROXIMATE DIAMETER OF WELL **6** INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X
 SOURCES OF DRILLING WATER
 1. well
 WRITE THE BOX NUMBER FROM THE MAP HERE
 E **800 4**
 N **490 4**

METHOD OF DRILLING (circle one)
 BORED (or Augered) JETTED Jetted & DRIVEN
 AIR-ROTary AIR-PERCUSSION ROTARY (Hydraulic Rotary)
 CABLE REVERSE-ROTary Drive-POINT
 other _____

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) _____



Not to be filled in by driller (OEP USE ONLY)
 APPROP. PERMIT NUMBER _____ GAP _____
 FORCE **FS** WRITE INITIALS IN BOX PERMIT NO. **HO-81-0539**

46
 PERMIT 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 31357**

DATE Received [] [] [] [] [] [] [] []
 DATE WELL COMPLETED **6/9/57**
 Depth of Well **185** (TO NEAREST FOOT)
 PERMIT NO. FROM "PERMIT TO DRILL WELL" **H0-81-0539**

OWNER **Hickernell Robert**
 STREET OR RFD **Luster Drive** TOWN **Highland**
 SUBDIVISION **Jocelyn Acres** SECTION **2** LOT **1**

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	
Dirt	0	2	
Brown soap stone	2	52	
slate	52	185	

GROUTING RECORD
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**
 TYPE OF GROUTING MATERIAL
 CEMENT **CM** BENTONITE CLAY **BC**
 NO. OF BAGS **15** NO. OF POUNDS **1500**
 GALLONS OF WATER **70**
 DEPTH OF GROUT SEAL (to nearest foot)
 from **0** ft. to **59** ft.
 (enter 0 if from surface)

CASING RECORD
 casing types insert appropriate code below
ST CO **PL OT**
 STEEL CONCRETE PLASTIC OTHER
 MAIN CASING TYPE **ST** **6** **61**
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)

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

SCREEN RECORD
 screen type or open hole insert appropriate code below
ST BR HO **PL OT**
 STEEL BRASS OPEN PLASTIC HOLE OTHER

C 2
 DEPTH (nearest ft.)
 E A C H S C R E E N
 1 **40** **59** **185**
 2 [] [] [] [] [] [] [] []
 3 [] [] [] [] [] [] [] []
 38 39 41 45 47 51

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

SLOT SIZE 1 2 3
 DIAMETER OF SCREEN [] [] [] [] (NEAREST INCH)
 from [] to []

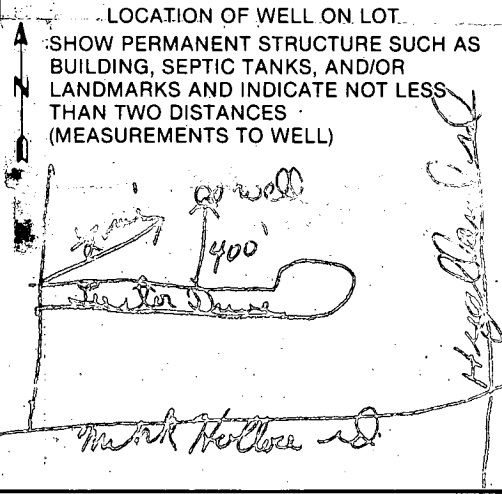
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 10.17.13 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT. NO. **1441**
 DRILLERS SIGNATURE **Austin Lane**
 (MUST MATCH SIGNATURE ON APPLICATION)
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

GRAVEL PACK 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

C 3
PUMPING TEST
 HOURS PUMPED (nearest hour) **3**
 PUMPING RATE (gal. per min. to nearest gal.) **13**
 METHOD USED TO MEASURE PUMPING RATE **Submersible**
 WATER LEVEL (distance from land surface) BEFORE PUMPING **00**
 WHEN PUMPING **05**
 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**
 (CIRCLE) (YES or 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: **29**
 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 **-** below
 LAND SURFACE (nearest foot) [] [] [] [] [] []



NO CON-
MONUMENT

MATCH

1

N73°40'54"
180.00'

377.95'
217.55'

15

HOUSE:
1ST FL. ELV. 496'
BASEMENT ELV. 487.7'
INVERT ELV. (OUT
OF HOUSE) 490.25'

BUILDING

WELL
EXIT ALX
498'

RESTRICTION

SEPIC TANK 480' UP
ELV INTO ELV 492'
EXIST ELV OUT 489.75'

DRYWELL:
INLET ELV. 488'
EXIST ELV. 492'

SCALE 1" = 70'

HICKER NELL
LOT 1, Sec. 2
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LOT 1
5.910 Ac.±

LOT 2
5.911 Ac.±

BUILDING

RESTRIC

14.95'

26

215.00'

L = 245.77'

L = 460.77'

L = 477.97'

LUSTER

16

5

61