

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

P 35799

A 28989

*approved
7-31-85
C. Williams*

*7/31/85
after noon
(after 12:00)*

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
992-2330

03-284484

ELLICOTT CITY

DISTRICT 3rd

INDEXED

DATE 7/22/85

Arnold Septic Tank Service

IS PERMITTED TO INSTALL ALTER

ADDRESS Jacobs Road, Mt. Airy, Maryland 21771

PHONE 795-7873

SUBDIVISION Driver

ROAD 1268 Cornelius Court

LOT 3, Block B

PROPERTY OWNER Knecht Enterprises

ADDRESS 3545 Ellicott Mills Drive, Ellicott City, Md. 21043

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

GARBAGE GRINDER? YES NO

SEPTIC TANK CAPACITY 1,000 GALLONS NUMBER OF BEDROOMS 3

TRENCHES - 240 sq. ft. per bedroom. Trench to be 3 ft. wide. Inlet 3 1/2 ft. below original grade. Bottom maximum depth 5 ft. below original grade. Effective area begins at 5 feet below original grade. 1 1/2 feet of stone below distribution pipe. Start the first trench 130 ft. from the front lot line and 60 ft. from the left lot line. Run trenches along contour toward rear of property. 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

BUILDING PERMIT SIGNED AND RETURNED CALL FOR INSPECTION OF TRENCH BEFORE AND AFTER GRAVEL IS INSTALLED.

25-03 BOB M5230-2 STORY ADDITION

PLANS APPROVED BY Craig Williams

DATE 7/3/85

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.

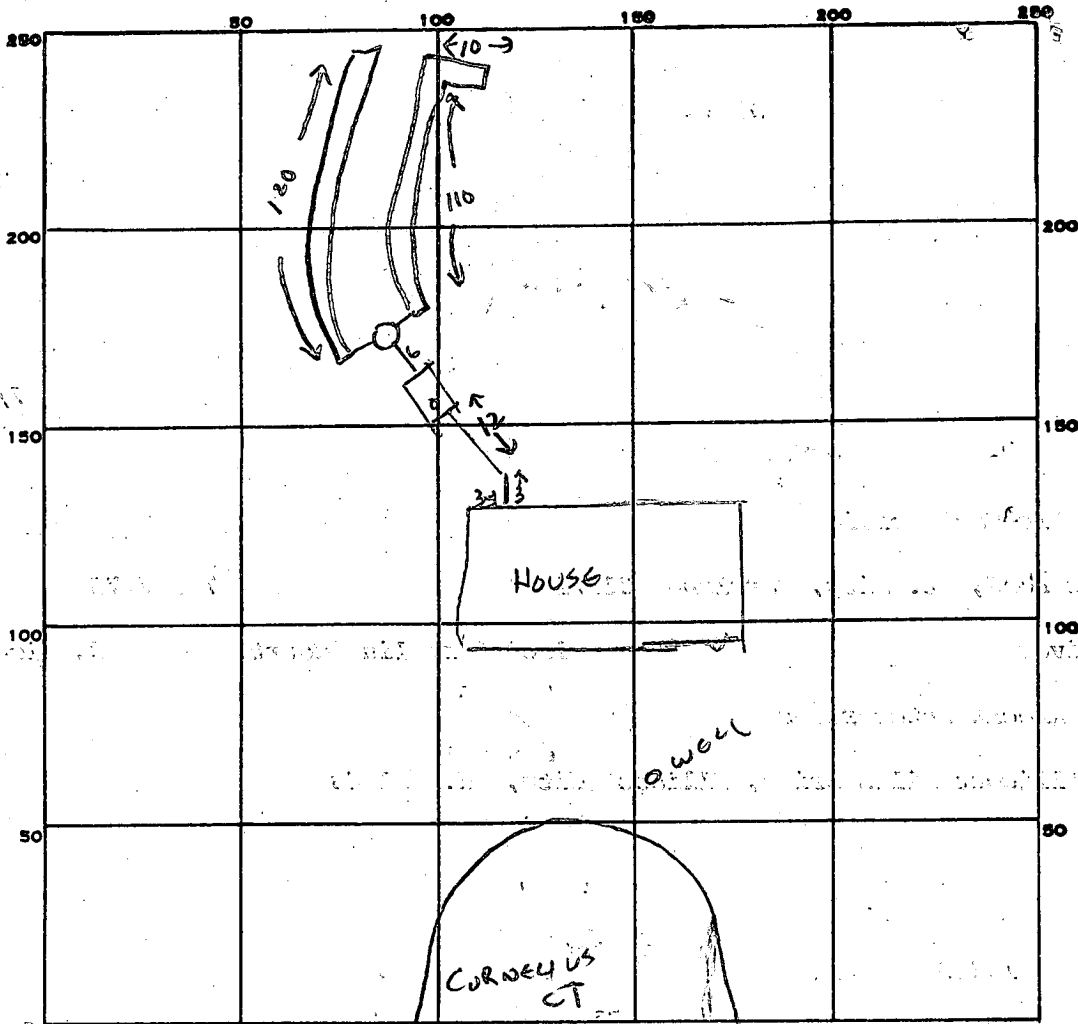
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL. STAND PIPES MUST BE 6 INCHES IN DIAMETER. CAST IRON, CONCRETE OR TERRA COTTA, OR PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET MANHOLE TO GRADE REQUIRED.

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

*CALL 992-2330 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1082

A 28989



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

PERMIT CARD

SEPTIC TANK, LEVEL

CLEANOUTS ST

DISTRIBUTION BOX, LEVEL _____

TILE FIELD, DEPTH 5 FT. TRENCH WIDTH 3 FT.

GRAVEL DEPTH 1 1/2 FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 2 (120+120) TOTAL BOTTOM AREA 720

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

ABSORBENT AREA 720 SQ. FT.

REMARKS 7-31-85 SYSTEM COMPLETE - OK TO COVER. CWILLIAMS

* NOTE - TRENCH AROUND HOUSE LEAVES 4' UNSUPPORTED SEWER PIPE EXTENDED OUT OF HOUSE.

BUILDER NOTIFIED BY INSTALLER TO SUPPORT WITH BLOCKS BEFORE BACKFILLING. CW

DATE SYSTEM APPROVED 7-31-85

INSPECTOR CWILLIAMS

BUILDING PERMIT SIGNED AND RETURNED

Retreat
10/16/78
9:30 A.M.

APPLICATION

A 28989
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, MARYLAND 21043
TELEPHONE: 992-2330

SEE ATTACHED SHEET

*360
160
192*

DISTRICT 3rd.
DATE 10/9/78

*119250
41200
200*

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 James M. Moore

ADDRESS P. O. Box 228, Ellicott City, Md. 21043 PHONE 461-9728

PROPERTY LOCATION:

SUBDIVISION Driver S/D LOT NO. 3, Block B

ROAD AND DESCRIPTION Cornelius Court

SIZE OF LOT 40,000 sq. ft. TYPE BLDG. 3 BR
~~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 James M. Moore

APPROVED BY Raymond Hodger FOR Daywell DATE 10/2/78

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 10/16/78 - HOLD FOR REVIEW WITH DM

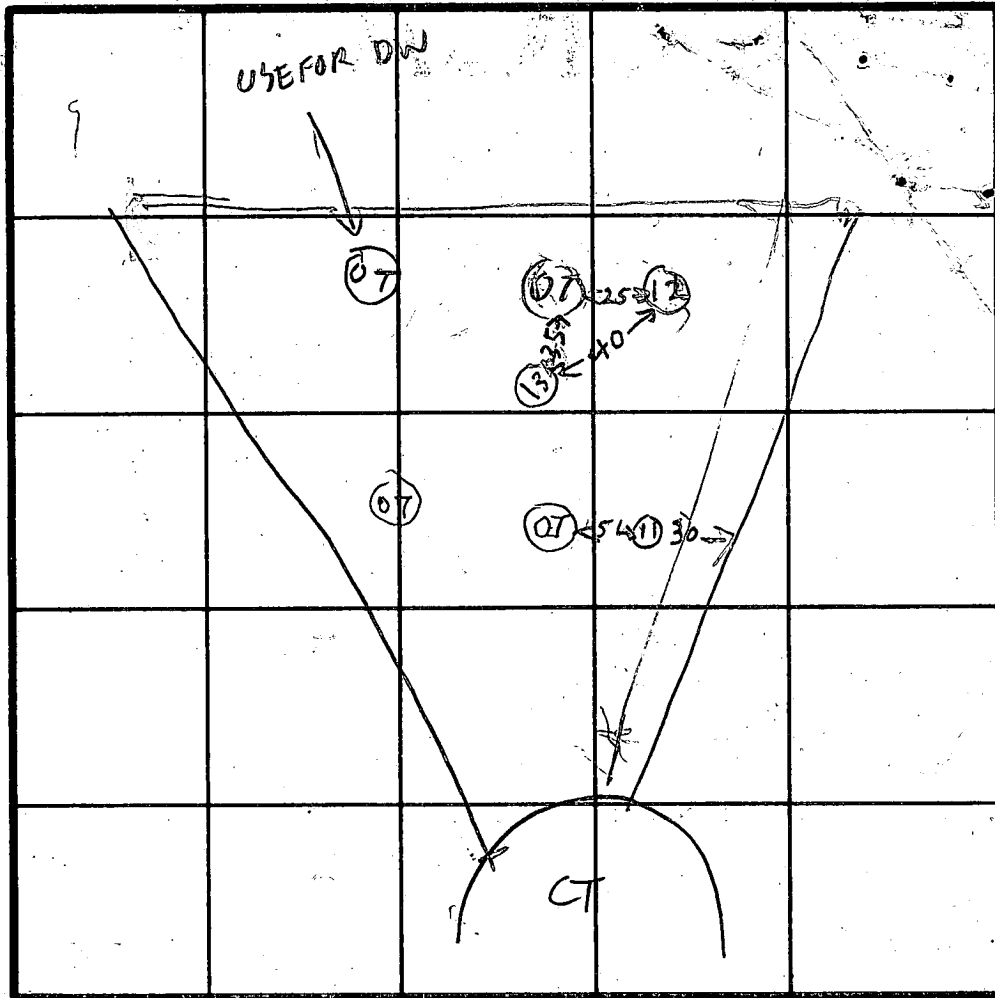
TO DECIDE BEST TYPE SYSTEM UNDER

GROUND WATER BH 10/1/78 Held for

Review FF OR DW & DITCH 9ft deep

THIS IS NOT A PERMIT

SOIL PROFILE



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/16/79	11S	4 1/2	1059	1170	1110	1130	20
	11V	12 1/2	TOP 2 FT CLAY		BOT 10 1/2 SAND		
	12S	5 1/2	1124	1127	1127	1138	11
	12V	13	TOP 3 1/2 FT CLAY		BOT 8 1/2 SAND		
			WATER 12 FT				
10/16/79	13V	12	TOP 4 FT CLAY		BOT 8 SAND		
			DRY				

4 test

REMARKS PUT SYSTEM IN ORIGINAL SEWAGE DISPOSAL AREA
RETEST FAILED

TYPE OF SOIL

TESTED BY R H

ALSO PRESENT JIM MOORE (BUYER)
LARRY GIBBS BACKHOE

APPLICATION

A 17737

P _____

SEWAGE DISPOSAL TESTING

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

ELLICOTT CITY

DISTRICT 3rd

DATE 12/1/72

TO: THE COUNTY HEALTH OFFICER
ELLICOTT CITY, MARYLAND

I, HEREBY, APPLY FOR THE NECESSARY TESTS IN ORDER TO CONSTRUCT (OR RECONSTRUCT) A SEWAGE DISPOSAL SYSTEM.

PROPERTY OWNER Allan C. Driver and Wife

ADDRESS 1340 Driver Road, Marriottsville, Md. PHONE 328-2329

PROPERTY LOCATION:

SUBDIVISION Driver S/D LOT NO. 5, Blk. B, Sec. 4

ROAD AND DESCRIPTION Road "A"

OCCUPANT _____ PHONE _____

PERSON TO CONSTRUCT SYSTEM _____

ADDRESS _____ PHONE _____

SIZE OF LOT 40,000 sq. ft. TYPE BLDG. 3 or 4 bedrooms
NUMBER OF BEDROOMS

IF NOT SINGLE RESIDENCE DESCRIBE _____

SIGNATURE OF APPLICANT /s/ Allan C. Driver

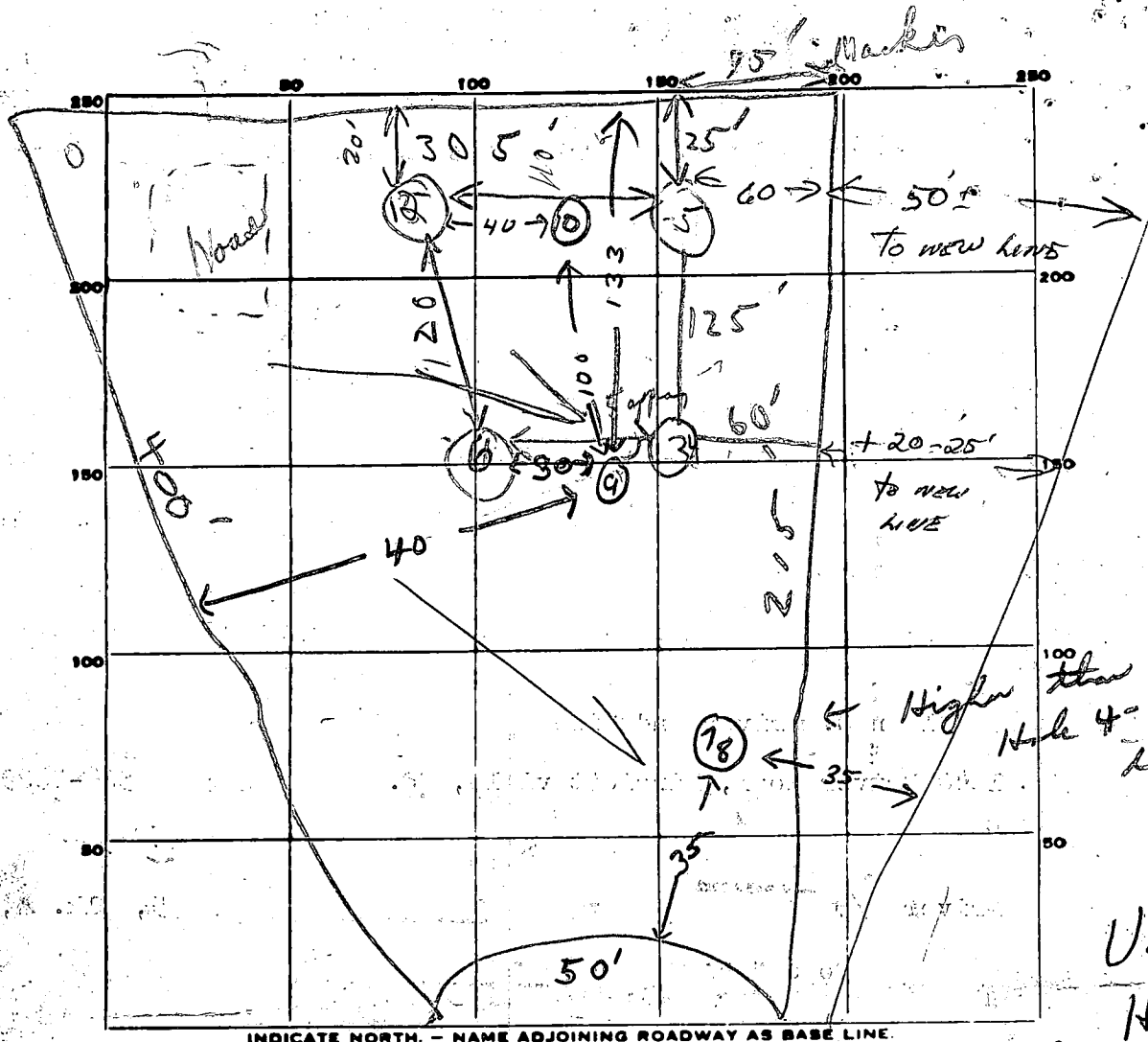
APPROVED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

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

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE.

L 85 B

Use Hole No. 9

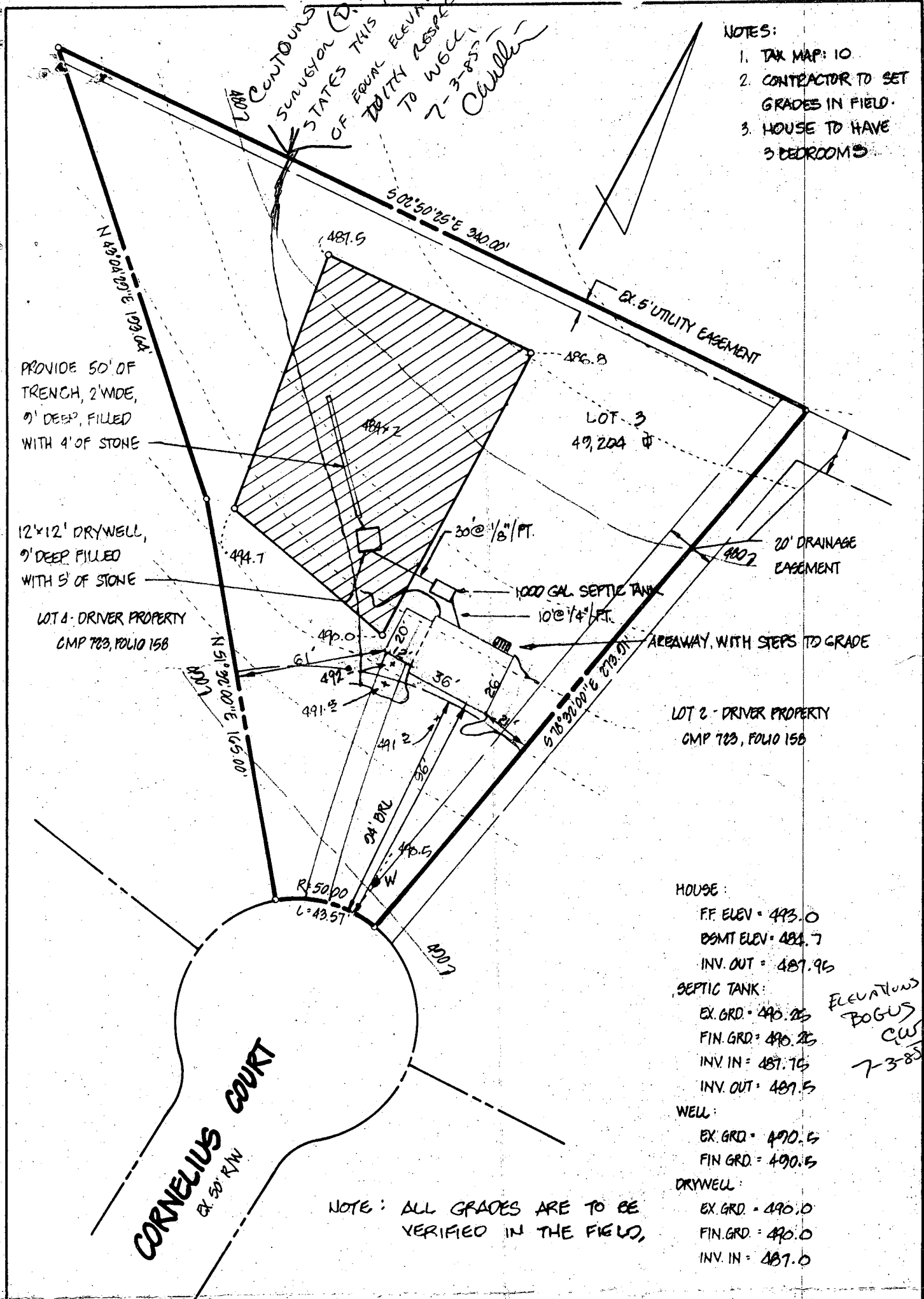
DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
12/14/77	1	12 1/2'	1:50	1:52	1:52	1:56	4 min	
	2	5 1/2'	2:04	2:09	2:09	2:19	10 min	
	3	4'	2:15	2:17	2:17	2:21	4 min	
	4	11 1/2'	2:11	2:13	2:13	2:16	3 min	
	5	10'	soil	soil		4	21	
	6	10'	soil	soil				
6/12/77	7	11 ft.	9:45	9:49	9:49	9:54	5 min	
	8	4 ft.	9:46	9:49	9:49	9:53	4 min	
	9	12 ft.	good soil					
	10	12 ft.	Tested between holes previously					

6 min
 4 1/2'
 (Effective depth 5 1/2')

SOIL AUGER FINDING Hole nos dug again - all good soil.

TESTED BY P.S. (Use 1 + 2)

REMARKS



- NOTES:
1. TAX MAP: 10
 2. CONTRACTOR TO SET GRADES IN FIELD.
 3. HOUSE TO HAVE 3 BEDROOMS

HOUSE:
 FF. ELEV = 493.0
 BSMT ELEV = 481.7
 INV. OUT = 487.96

SEPTIC TANK:
 EX. GRD. = 490.25
 FIN. GRD. = 490.25
 INV. IN = 487.75
 INV. OUT = 487.5

WELL:
 EX. GRD. = 490.5
 FIN. GRD. = 490.5

DRYWELL:
 EX. GRD. = 490.0
 FIN. GRD. = 490.0
 INV. IN = 487.0

ELEVATIONS
 BOGUS
 CW
 7-3-85

FLAT REFERENCE: DRIVER PROPERTY, SECT. 4, P.B. 723 FOLIO 158

TITLE: GRADING STUDY				
PROJECT: LOT 3 - DRIVER PROPERTY				
LOCATION: 3 RD. ELECTION DISTRICT TAX MAP: 10 HOWARD CO., MD.				
SCALE: 1" = 50'	DESIGNED BY: J.J.B.	DRAWN BY: D.P.	CHECKED BY:	DATE: MAY, 1985
FIELD BOOK:	PAGE NO.:	JOB NO.: 85141	DRAWING NO.: 1 OF 1	

boender associates
 inc.
 consulting engineers
 land surveyors
 land planners

COURTHOUSE SQUARE
 3565 ELLICOTT MILLS DRIVE
 ELLICOTT CITY, MD. 21043
 (301) 465-7777

Signed Prelim

2

3

195

100

485

902°50'25"E

320±

5' UTILITY EASEMENT

190±

BLOCK

LOT 5
49,000±

(B)

LOT 4
69,000±

INLET TYPE
SEGMENT
TRAP

15" RCP

(D)

TRIP TRAP A
OUTLET PITCH

20' DRAINAGE
EASEMENT

160±

5' 550±

105

101

80

80

Date JUL 2 1985

HOWARD

Reviewed By OK MR 1/25/91

FIELD DATA SHEET
HYDROGEOLOGIC AREA (3) WELL YIELD TEST

Maryland Well Permit No. HO-81-1069 Owner or Applicant Knecht Enterprises Inc

Location of Property (road) Cornillious Ct.

Subdivision DRIVER Property Lot 3 Block _____ Plat _____ Sec. _____

Well Driller Ralph MAYWE

Depth of Well 185
Distance of Measuring Point (M.P.) above ground 2 ft
Static Water Level (S.W.L.) below M.P. 20 ft

I. High Rate Pumping -- reservoir drawdown
Time pump started 12:20 Pumping rate 9 G.P.M
Total time 5 min to reach pumping water level 20 ft below M.P.

II. Recovery pump test data - observations to be recorded every 15 minutes.

TIME (CHRON.)	WATER LEVEL Below M.P.	PUMPING RATE Time to fill <u>1</u> gal. bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per min.)
12:15	20 ft	7 sec	—	9 G.P.M
12:30	20 ft	7 sec	—	9 G.P.M
12:45	20 ft	7 sec	—	9 G.P.M
1:00	20 ft	7 sec	—	9 G.P.M
1:15	20 ft	7 sec	—	9 G.P.M
1:30	20 ft	7 sec	—	9 G.P.M
1:45	20 ft	7 sec	—	9 G.P.M
2:00	20 ft	7 sec	—	9 G.P.M
2:15	20 ft	7 sec	—	9 G.P.M
2:30	20 ft	7 sec	—	9 G.P.M
2:45	20 ft	7 sec	—	9 G.P.M
3:00	20 ft	7 sec	—	9 G.P.M
3:15	20 ft	7 sec	—	9 G.P.M
				6 G.P.M

35 ft PL 30 open 7 bags

B 1 8907

SEQUENCE NO. (OEP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL

please print or type

OEP PERMIT NUMBER

HO-81-1069

fill in this form completely

Date Received: 06/3/85

OWNER INFORMATION

RUECHT ENTERPRISES

3545 ELLICOTT MILLDR.

ELLICOTT CITY MD 21043

DRILLER INFORMATION

Ralph MAYNE 273

Ralph Mayne (well drilling)

5120 Brown Church Rd. Mt. Airy

Ralph Mayne 6/1/85

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 5

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- D HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY)
F FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION)
I INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT)
P PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL)
T TEST, OBSERVATION, MONITORING (MAY REQUIRE APPROPRIATION PERMIT)

APPROXIMATE DEPTH OF WELL 150 FEET

APPROXIMATE DIAMETER OF WELL 6" NEAREST INCH

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 DEEPEMED WELLS (CIRCLE APPROPRIATE BOX)

- N THIS WELL WILL NOT REPLACE AN EXISTING WELL
Y THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
S THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
D THIS WELL WILL DEEPEN AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (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-81-1069

SPECIAL CONDITIONS

LOCATION OF WELL

HOWARD COUNTY

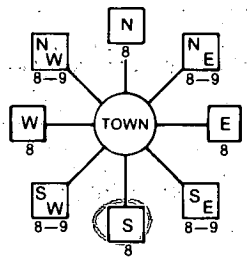
DRIVER PROPERTY

SECTION LOT 3

MARRIOTTSVILLE

MILES FROM TOWN (enter 0 if in town) 1 MI

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



CORNELIUS CT

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

DISTANCE FROM ROAD 20

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard COUNTY NAME A28989 COUNTY NO.

OEP SIGNATURE DATE ISSUED 06/20/85

CO SIGNATURE EXP. DATE 12/20/85

NORTH GRID 547000 EAST GRID 0828000

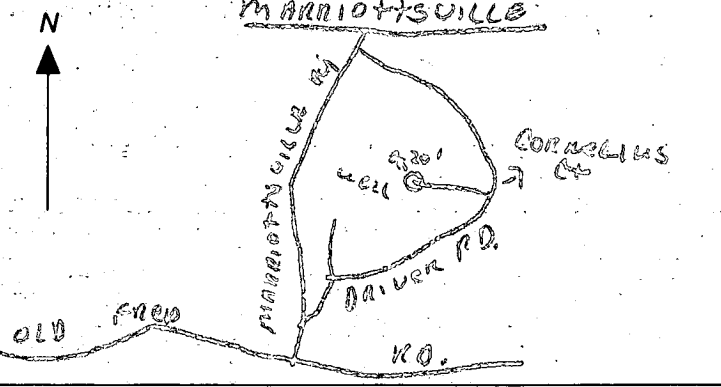
SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER 1. well

WRITE THE BOX NUMBER FROM THE MAP HERE

Box number grid: E 820 8, N 540 7

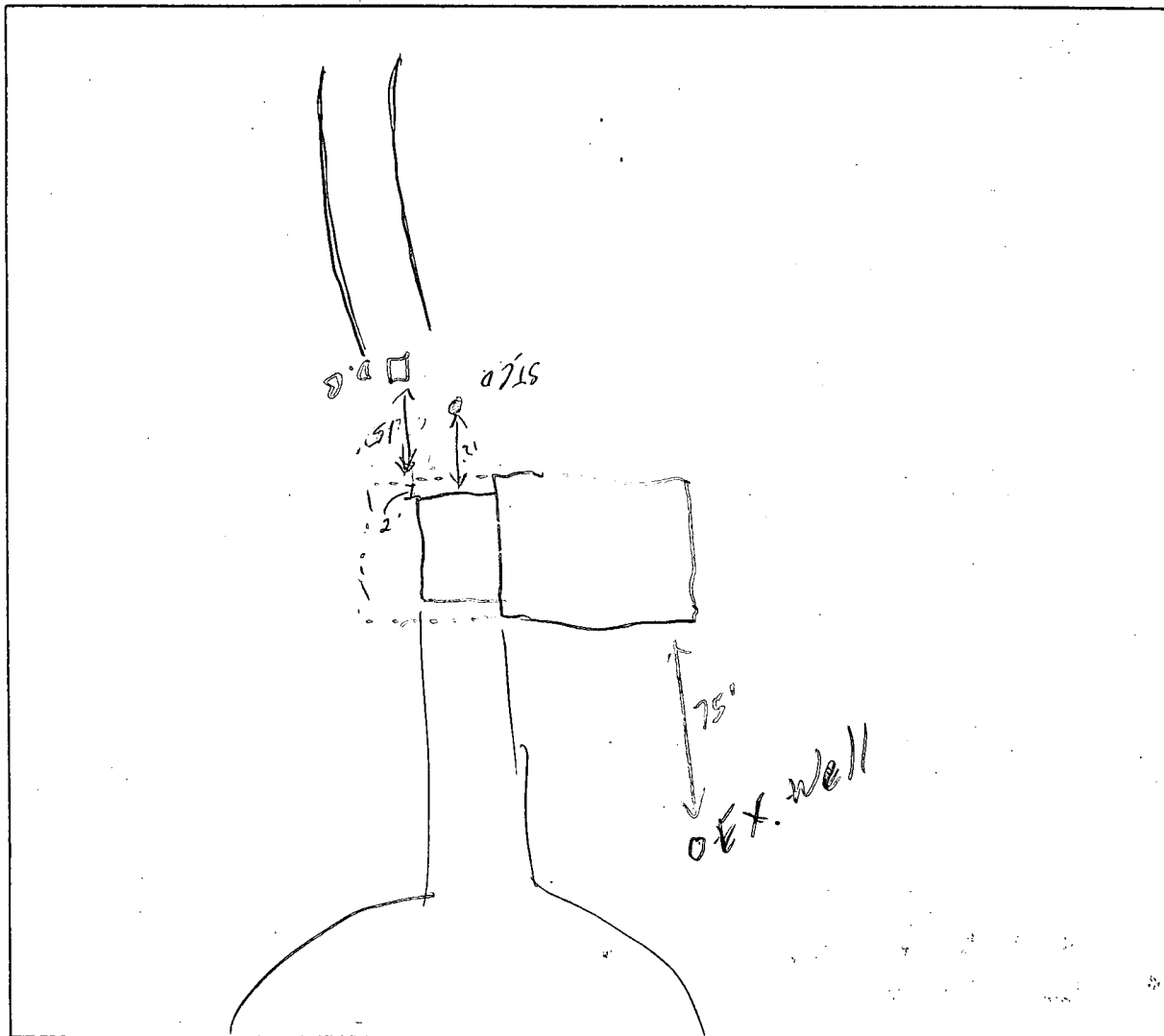
DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION



SITE INSPECTION SHEET

OWNER: Therison PHONE #: _____
ADDRESS: 1268 Cornelius Ct CONTRACTOR: Hillman
WELL TAG #: None
SUBDIVISION: Driver prop LOT: 3 COUNTY #: _____
PROPOSAL: Garage / 2 bedrooms

LOCATION DIAGRAM



COMMENTS: Trenches are on low side of SRA. Doesn't
appear to be failing. Contour not accurate on plot plan
System would need to be upgraded for 5 bedrooms

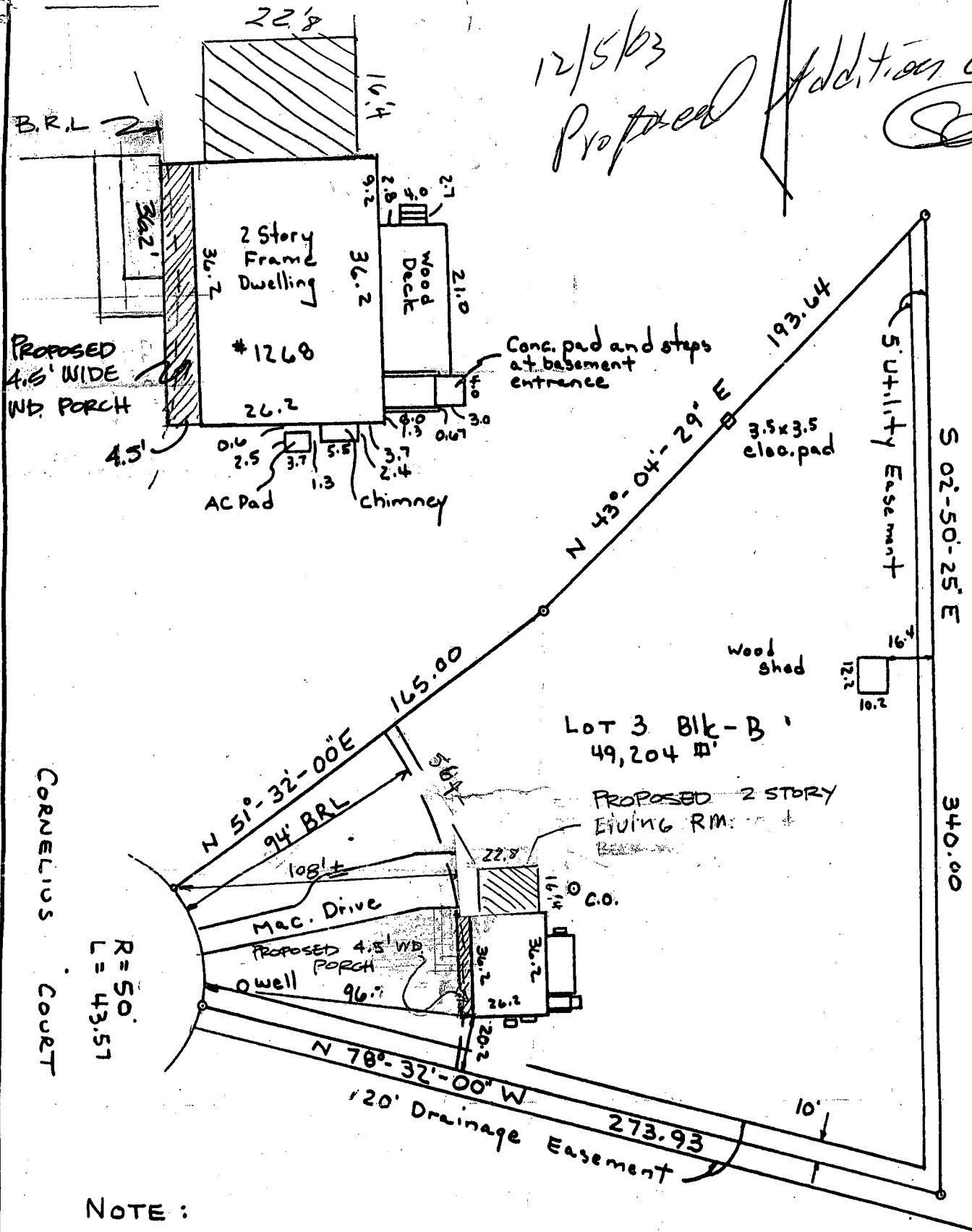
DATE: 8/13/03 INSPECTOR: (50)

B00145236

12/5/03

Proposed

Additions OK



NOTE :

Being known and designated as Lot 3, Block B, as shown on a plat of subdivision entitled, "Driver Property" recorded among the Land Records of Howard County in Platbook 26, Folio 74