

9/11  
13:00  
10 am

Per ID-05-413982

9/11 (2) P.C.O.  
C.B.

# PERMIT

## SEWAGE DISPOSAL SYSTEM

### DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 49574

A 37787

DISTRICT 5th

DATE 8/10/93

DATE SYSTEM APPROVED 9/3/93

INSPECTOR ALM

HOWARD COUNTY HEALTH DEPARTMENT  
BUREAU OF ENVIRONMENTAL HEALTH  
~~888-8938~~ 313-2640

INDEXED

Van Sant Plumbing & Heating IS PERMITTED TO INSTALL X ALTER

ADDRESS 3 North Main Street, Mt. Airy, Maryland 21771 PHONE 795-6566

SUBDIVISION Clearview Estates LOT 31 ROAD 121<sup>19</sup> Duskview Court

PROPERTY OWNER NV Homes, Md. West *Sim Miller*

ADDRESS \_\_\_\_\_

SEPTIC TANK CAPACITY 1250 GALLONS NOTE: SEPTIC DESIGN BASED ON LOT 30 DATA.

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

TRENCHES - Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 7 feet below original grade. Effective area begins at 4 feet below original grade.

LOCATION - Place distribution box and trenches on high side of approved septic area. Install trenches on contour toward right (427.94') property line.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. *OK MR 8/5/93*

PLANS APPROVED BY \_\_\_\_\_ DATE \_\_\_\_\_

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: CLEANOUT REQUIRED EVERY 70 FEET OF SEWER LINE AND/OR AT 90° SWEEPS IN LINES FROM HOUSE TO DRAIN FIELDS, 90° ELBOWS NOT ACCEPTABLE.

NOTE: ALL PARTS OF SEPTIC SYSTEMS (I.E. TANK, DISTRIBUTION BOX TRENCHES) TO BE 100 FEET FROM WELL (UNLESS OTHERWISE SPECIFICALLY AUTHORIZED)

NOTE: IF DEEP TRENCH(ES) ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCH(ES)

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 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

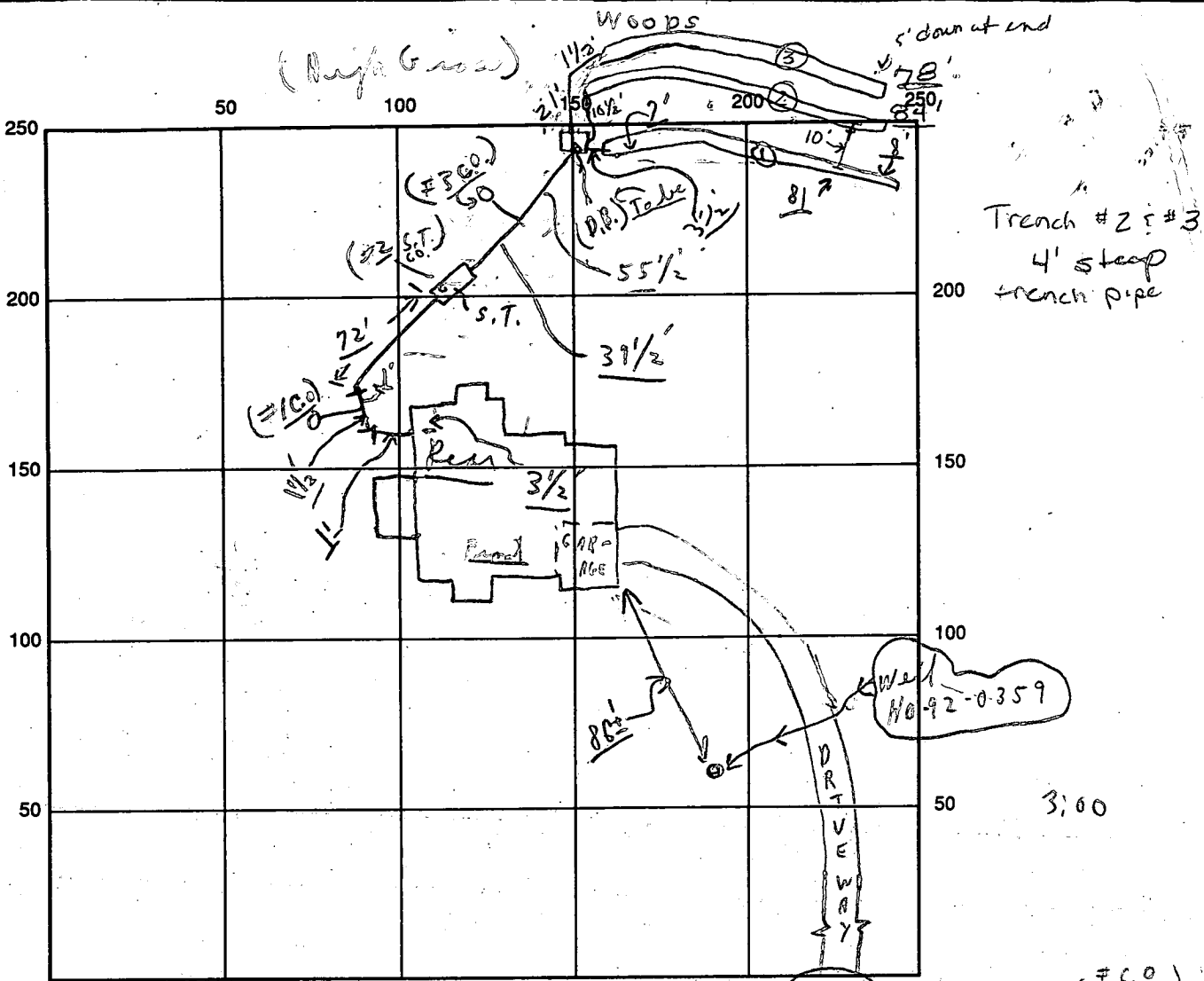
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG. PERMIT SIGNED  
AND RETURNED 8/15/94  
*Serial # 55847 deck*

A 37787



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK CLEANOUTS (DARK VIEW COURT) C.O. S.T. C.O. (2) (3 in lines) OK OK OK

DISTRIBUTION BOX LEVEL OK (Bulphesisin)

DRAIN FIELD/TITLE DEPTH 7 1/2 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 4+ FT. TOTAL LENGTH 0 81' 0 84' 0 78' FT. } = 243

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 729 SQ. FT.

DRYWALL INSIDE DIAMETER ~ FT. EFFECTIVE DEPTH BELOW INLET ~ FT.

ABSORBENT AREA: 729 SQ. FT.

REMARKS: A.M. 9/1/93 Partial - ok to cover from houses to Dirt Box and #1 trench ok for stone; C.P.S. P.M. Partial - 9/1/93 - ok to cover to Dirt Box + #1 trench completely C.P.S. 9/3/93 ok to cover second trench 10:00 AM 1:00 OK to finish (cover trench #2 - #3 finish materials on site) ACM

9/1/93 No W.P.I.

DATE SYSTEM APPROVED 9/3/93 INSPECTOR Amy McMillan

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043  
TELEPHONE: 992-2330

A 37787

P \_\_\_\_\_

DISTRICT \_\_\_\_\_

DATE 10/09/86  
June 30, 1986

*10/14/86  
perc OK'd  
pending  
plot approved  
(B)*

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 Conrad J. and Patricia Langenfelder NV HOMES WEST Martha V. Langenfelder  
11904 Clarksville Road 5511 Hamilton Avenue  
ADDRESS Clarksville, Maryland 21029 PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:  
SUBDIVISION Langenfelder Farm Clearview EST Sec 2 LOT NO. 15 New Lot-1931  
ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane (12119 Duskview Court)

SIZE OF LOT 3.1 AC. TYPE BLDG. Residential  
(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.

*Steven G. Gurney*  
(SIGNATURE OF APPLICANT)

APPROVED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

REJECTED BY \_\_\_\_\_ FOR \_\_\_\_\_ DATE \_\_\_\_\_

HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING for field located certified plot

~~PERMITS SIGNED~~  
AND RETURNED 7/26/94  
Smith 48979  
SFD-4Bmm

# THIS IS NOT A PERMIT

TO LOT 16

TREE PROP LINE

TO LOT 14

16

15

14A

13'D

5

12'D

A 37787

D

SOIL PROFILE

red/yellow  
brown  
gitty/chunky  
sandy clay  
loam  
quickly  
changing to  
tan brown  
silty mica  
loam

12 1/2'D

A

brown red  
gitty/chunky  
sandy clay  
loam w/ few  
small rock frags  
red brown  
silty loam

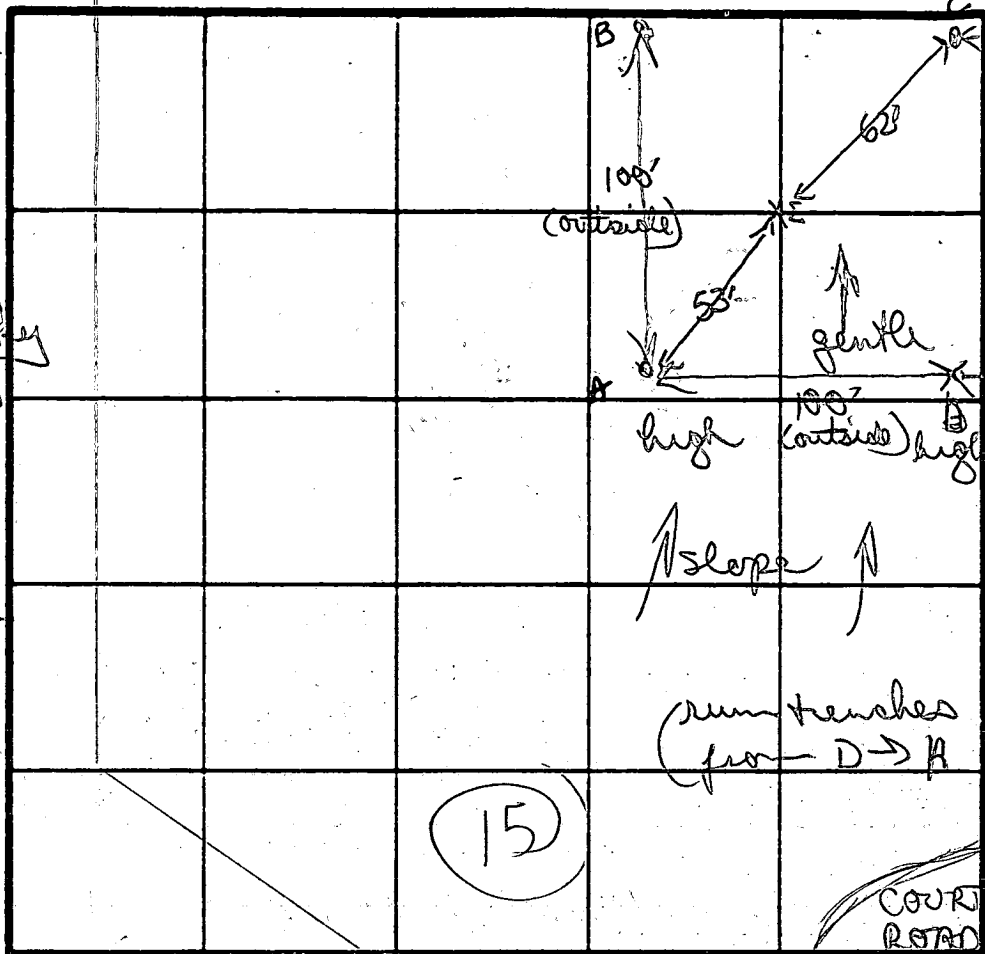
11'D

B

brown/yellow  
gitty/chunky  
sandy clay

tan/grey  
brown  
silty  
mica loam

12'D



C  
orange/brown  
gitty/chunky  
sandy clay  
-3'  
to white/grey  
silty mica  
loam

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
10/14/86	D	4'5"	1131	1132	1132	1133	1 MIN	
		12 1/2'	bottom (see profile)					
	A	4'5"	1137	1139	1139	1141	2 MIN	
		8' M	1142	1142	1142	1143	1 MIN	
		11' D	bottom (see profile)					
	B	4'5"	1147	1151	1151	1156	5 MIN	
		12' D	bottom (see profile)					
	C	4'	1158	1200	1200	1203	3 MIN	
		13' D	bottom (see profile)					
	E	VISUAL ONLY		12' Deep				

red/brown  
gitty  
sandy  
loam -3'  
to brown  
to white  
tan/grey  
silty mica  
loam

REMARKS

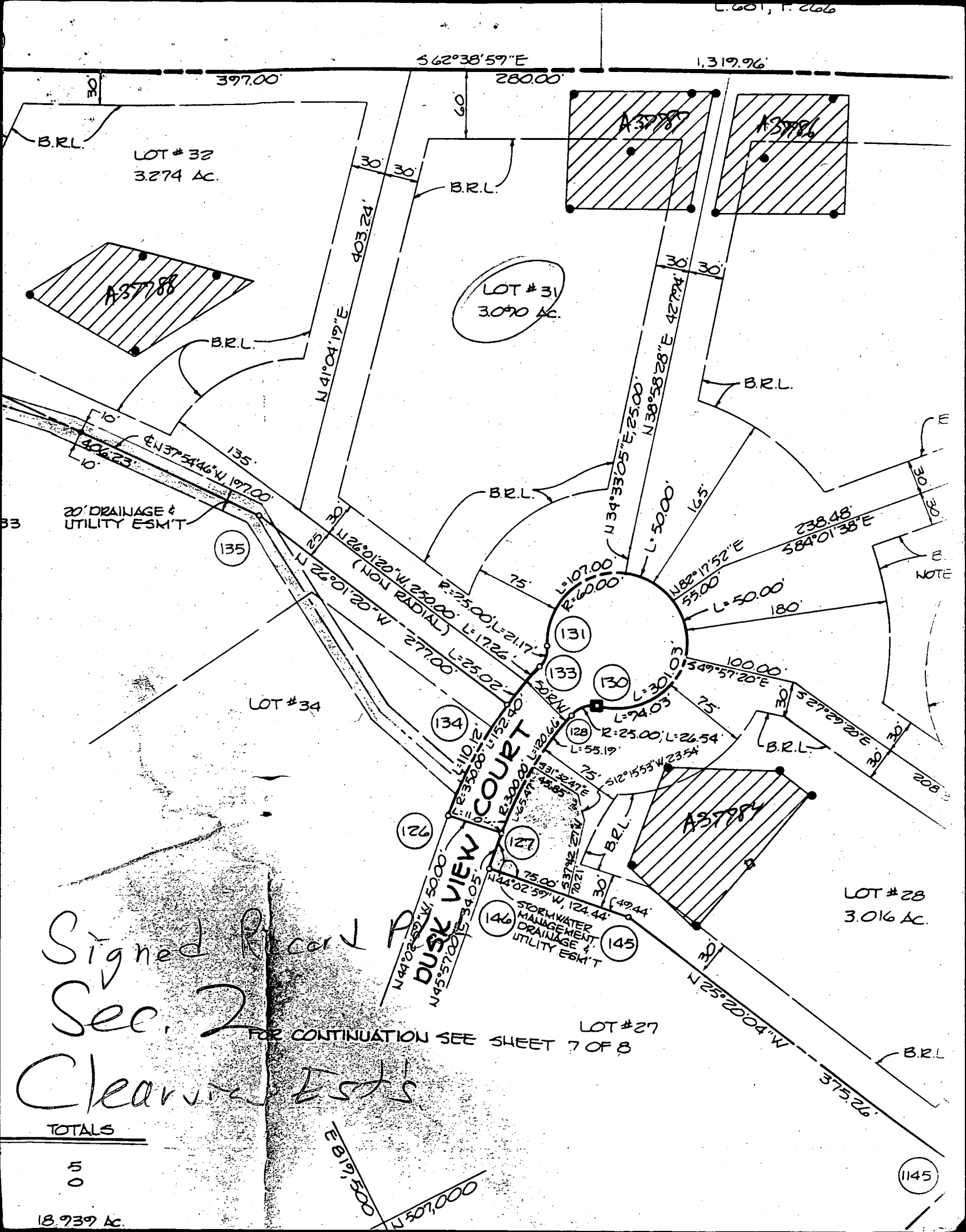
Tested as per plan  
sandy/chunky clay loam 4'; below silty mica loam

TYPE OF SOIL

TESTED BY

B Nylan

ALSO PRESENT



562°38'59"E

1,319.96'

397.00'

280.00'

B.R.L.

LOT # 32  
3.274 AC.

B.R.L.

A37787

A37786

A37788

LOT # 31  
3.070 AC.

B.R.L.

N 41° 04' 19" E  
403.22'

30'

30'

B.R.L.

20' DRAINAGE & UTILITY ESK'T

135

B.R.L.

N 34° 33' 05" E, 25.00'  
N 38° 58' 28" E, 42.794' 30'

238.48'  
584° 01' 38" E

B. NOTE

131

133

130

LOT # 34

134

128

126

127

A37789

LOT # 28  
3.016 AC.

Signed & cleared  
Sec. 2  
Clearing Est's

FOR CONTINUATION SEE SHEET 7 OF 8

LOT # 27

TOTALS

5  
0

18.939 AC.

E 81° 19' 50"  
N 507.000'

1145

B 1 01265

SEQUENCE NO. (DP USE ONLY)

STATE OF MARYLAND PERMIT TO DRILL WELL please print or type

STATE PERMIT NUMBER

HO-92-0359 fill in this form completely

(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)

Date Received (APA)

04.15.92

OWNER INFORMATION

WV HOMES

15 Last Name 34 Owner First Name

15 13 SHADY GROVE RD

36 Street or RFD 55

ROCKVILLE MD 20850

57 Town 70 State 72 Zip 76

DRILLER INFORMATION

Austin N. Garver 1477

Driller's Name 77 License No. 80 KEYSER-GARVER, INC

Firm Name 9125-B BETHEL RD. Fred. Md.

Address Austin N. Garver 4/9/92

Signature Date

B 3

LOCATION OF WELL

HOWARD

8 COUNTY 21

CEARVIEW EST

23 SUBDIVISION 42

SECTION 44 46 LOT 31 48 50

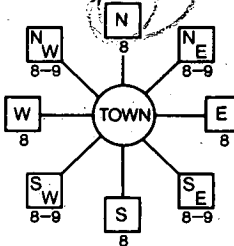
CLARKSVILLE

52 NEAREST TOWN 71

MILES FROM TOWN (enter 0 if in town) 1.1 MI 73 76 77 78

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



DUSKVIEW CT.

11 NEAR WHAT ROAD 30

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)



34 100 37 DISTANCE FROM ROAD

ENTER FT. or MI. FT 38 39

B 2

WELL INFORMATION

APPROX. PUMPING RATE (GAL. PER MIN.) 2

8 12

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 800

14 20

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)

NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

Howard A37787 COUNTY NAME COUNTY NO.

STATE SIGNATURE DATE ISSUED INSERT S

050693 Mark E. R. Vein 5/6/94

43 NORTH GRID 507000 55 EAST GRID 082000 57 63

APPROXIMATE DEPTH OF WELL 400 FEET

APPROXIMATE DIAMETER OF WELL 6 NEAREST INCH

METHOD OF DRILLING (circle one)

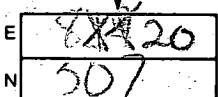
- BORED (or Augered) JETTED Jetted & DRIVEN
AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary)
CABLE REVerse-ROTary Drive-POINT
other

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

- 1. WELL
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

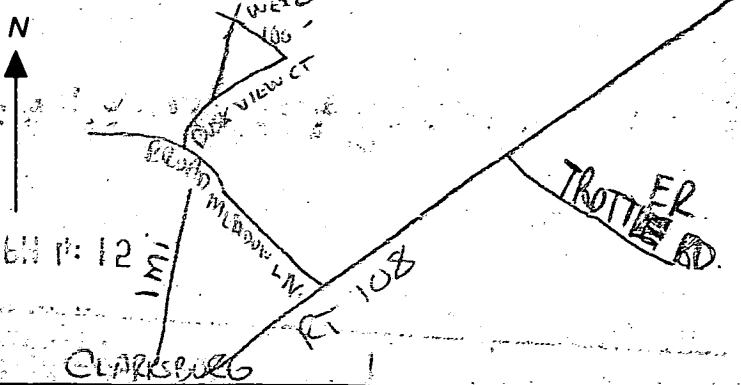


6/16/93 12:00
Well location - OK
casing - 42'
open - 28' (Tremie stuck @ blocking)
grout - 9 bags
OK R/P 4/16/93

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 DEEPEMED AN EXISTING WELL
PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE)

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



Not to be filled in by driller (OEP USE ONLY)

APPROX. PERMIT NUMBER GAP

FORCE M R WRITE INITIALS IN BOX PERMIT No. HO-92-0359

SPECIAL CONDITIONS

C1 **7878** SEQUENCE NO. (DENV 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 **A37787**

ST/CO USE ONLY  
 DATE Received

DATE WELL COMPLETED  
**06/15/93**

Depth of Well  
 22 **950** 26  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**40-92-0359**

OWNER **NV Homes**  
 last name first name  
 STREET OR RFD **Dusk View Ct** TOWN **Clarksville**  
 SUBDIVISION **10 CLEARVIEW ESTATES SECTION** LOT **31**

**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	
OVER BURDEN	0'	25'	
SLATE + SANDSTONE WITH WATER AT 140' 36PM	25'	140'	✓
SLATE + SANDSTONE	140'	450'	

DRY HOLE  
 400' FILLED WITH PORTLAND CEMENT 20 BAGS

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **45** NO. OF POUNDS **564**  
 GALLONS OF WATER **54**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **42** ft.  
 (enter 0 if from surface)

**CASING RECORD**  
 casing types insert appropriate code below  
**ST** **CO**  
 STEEL CONCRETE  
**PL** **OT**  
 PLASTIC OTHER

**MAIN CASING TYPE**  
 Nominal diameter top (main) casing (nearest inch) Total depth of main casing (nearest foot)  
**ST** **6** **40**  
 60 61 63 64 66 70

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

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

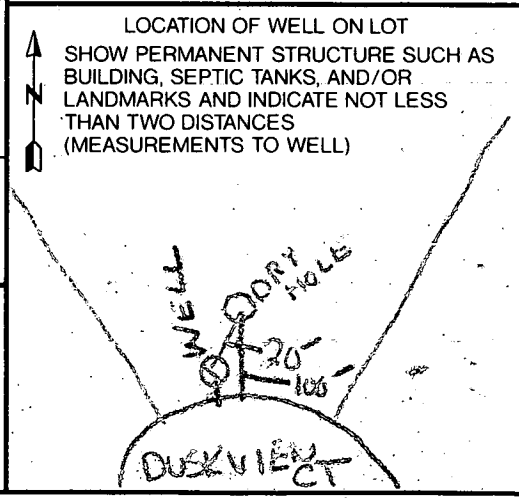
**C2**  
 DEPTH (nearest ft.)  
 1 **40** **90** **450**  
 8 9 11 15 17 21  
 2  
 23 24 26 30 32 36  
 3  
 38 39 41 45 47 51  
 SLOT SIZE 1 2 3  
 DIAMETER OF SCREEN (NEAREST INCH)  
 from to

**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.) W Q  
 70 72 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **6**  
 PUMPING RATE (gal. per min. to nearest gal.) **3**  
 METHOD USED TO MEASURE PUMPING RATE **BUCKET**  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **18**  
 WHEN PUMPING **115**  
 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**  
 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:  
 CAPACITY: GALLONS PER MINUTE (to nearest gallon) **31** **35**  
 PUMP HORSE POWER **37** **41**  
 PUMP COLUMN LENGTH (nearest ft.) **43** **47**  
 CASING HEIGHT (circle appropriate box and enter casing height)  
 (+) above } LAND SURFACE (nearest foot)  
 (-) below } **2** (nearest foot)



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

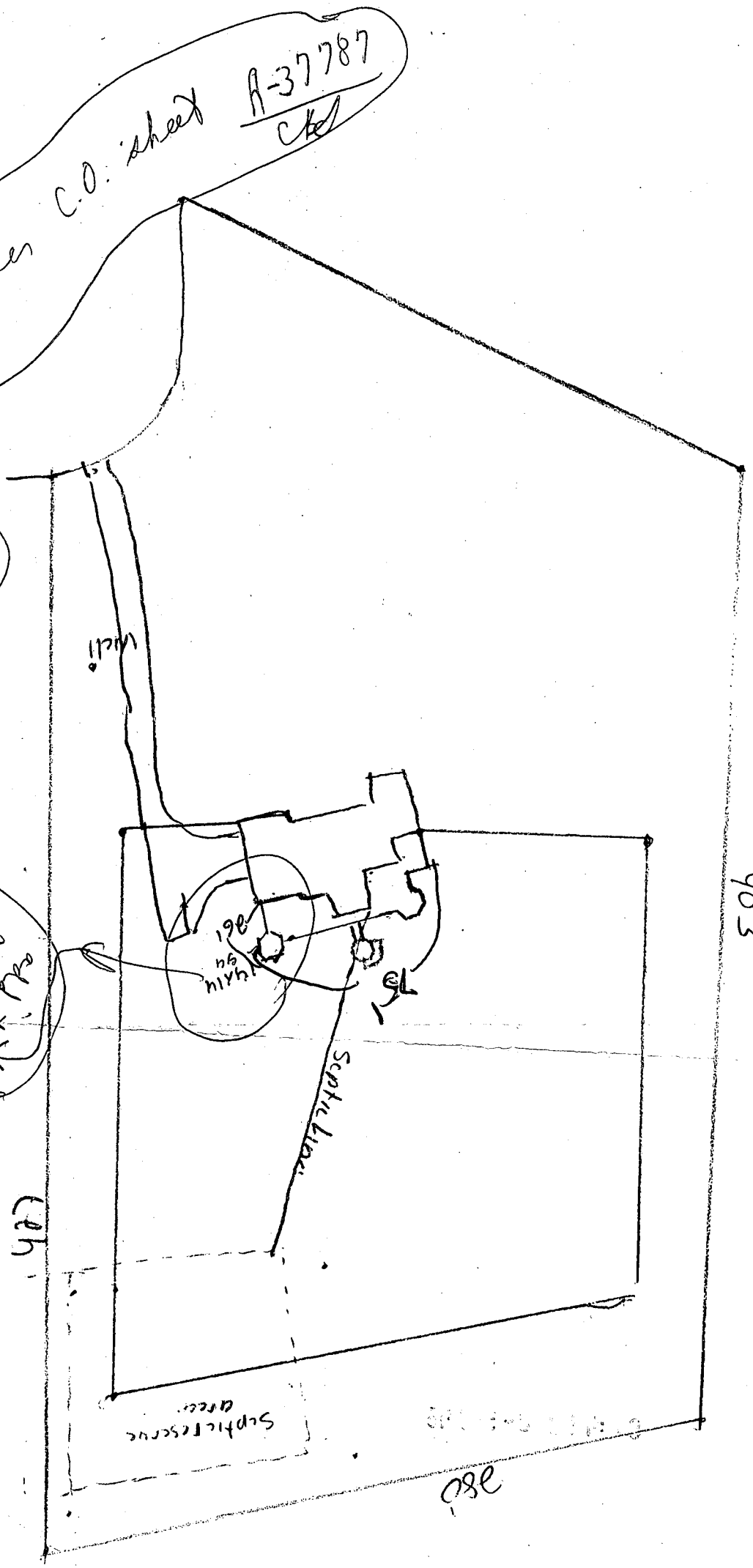
I HEREBY CERTIFY THAT THIS WELL HAS BEEN CONSTRUCTED IN ACCORDANCE WITH COMAR 26.04.04 "WELL CONSTRUCTION" AND IN CONFORMANCE WITH ALL CONDITIONS STATED IN THE ABOVE CAPTIONED PERMIT, AND THAT THE INFORMATION PRESENTED HEREIN IS ACCURATE AND COMPLETE TO THE BEST OF MY KNOWLEDGE.

DRILLERS IDENT NO. **MSD 095**  
**Austin Lawer**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
**Robert Harley**  
 SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

Septic + Well per C.O. sheet A-37787  
C.B.S.

# 55847  
OK  
C.B.S.

addition  
of  
septic  
line  
from  
home  
to  
septic  
tank



403

Septic Tank Area

082