

2/12/97
12-1
2/13/97

Tox ID - 05 - 421985

2/13/97 Needs
house connection
DKS

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
XX7619933 313-2640

P 57553A

A 37786

DISTRICT 5th

DATE 1/14/96

DATE SYSTEM APPROVED 3/4/97

INSPECTOR DKS per Elder

INDEXED

South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ALTER

ADDRESS 4410 Salem Bottom Road, Westminster, Maryland 21157 PHONE 875-4197

SUBDIVISION Clearview Estates, Sec. 2 LOT 30 (66) NEW ROAD 12125 Dusk View Court

PROPERTY OWNER Nantucket Island Homes, Inc.

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

180 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 240

~~1/13/97 per discussion w/ace. Eyer, request made to change dist. box location to 10' off left lot line, running trenches towards W2.96' lot line. REQUEST OK. DKS~~

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. 3 feet of stone below distribution pipe.

LOCATION - Place distribution box 125 feet from rear lot line and 110 feet from left lot line as viewed from Cul-de-Sac. Install trenches on contour toward left lot line.

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

PLANS APPROVED BY Amy McMillen/Glen Savage REVISED _____ DATE 09/11/96

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

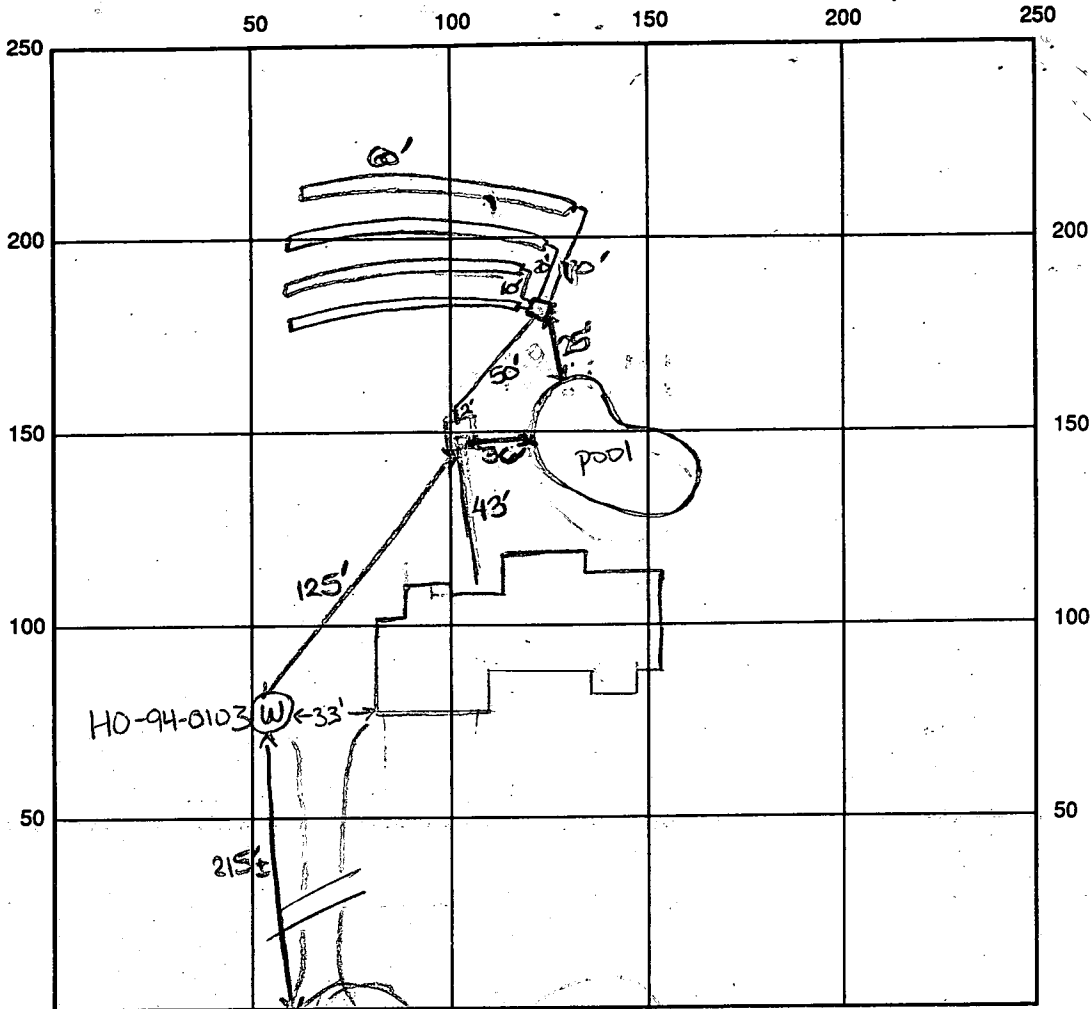
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON, CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

BLDG. PERMIT SIGNED
AND RETURNED 10/24/96
Serial # 20102817
Sawyer post

A 37786



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

SEPTIC TANK LEVEL OK, 1250 gallons CLEANOUTS 1 on tank

DISTRIBUTION BOX LEVEL OK

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

EFFECTIVE GRAVEL DEPTH 3 FT. TOTAL LENGTH 4 x 60 FT. → 240'

NUMBER OF TRENCHES 4 ONE SIDEWALL BOTTOM AREA 960 SQ. FT.

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

ABSORBENT AREA — SQ. FT.

REMARKS: 2-12-97 OK to cover from tank to distribution box, no house connection RMP/PLS
2/13/07 OK to cover all work - needs house connection. DKS
(* well location confirmed to be 215'± off road -
different than shown on BP plan*)

DATE SYSTEM APPROVED _____ INSPECTOR _____

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 37786

P _____

DISTRICT _____

DATE June 30, 1986

*10/14/86
perc OK'd
approved
plan*

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 Martha V. Langenfelder
NANTUCKET Island Homes, Inc.
Conrad J. and Patricia Langenfelder
11904 Clarksville Road
Clarksville, Maryland 21029
ADDRESS PHONE 5111 Hamilton Avenue
Baltimore, Maryland 21206

PROPERTY LOCATION: New Lot-18 30
SUBDIVISION Langenfelder Farm Cleanview Est Sec 2 LOT NO. 14
ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane (12125 Dusk View Court)

SIZE OF LOT 3.0 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.

Stephen P. Runyan
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING for field located holes

BLDG. PERMIT SIGNED AND RETURNED 9/11/86

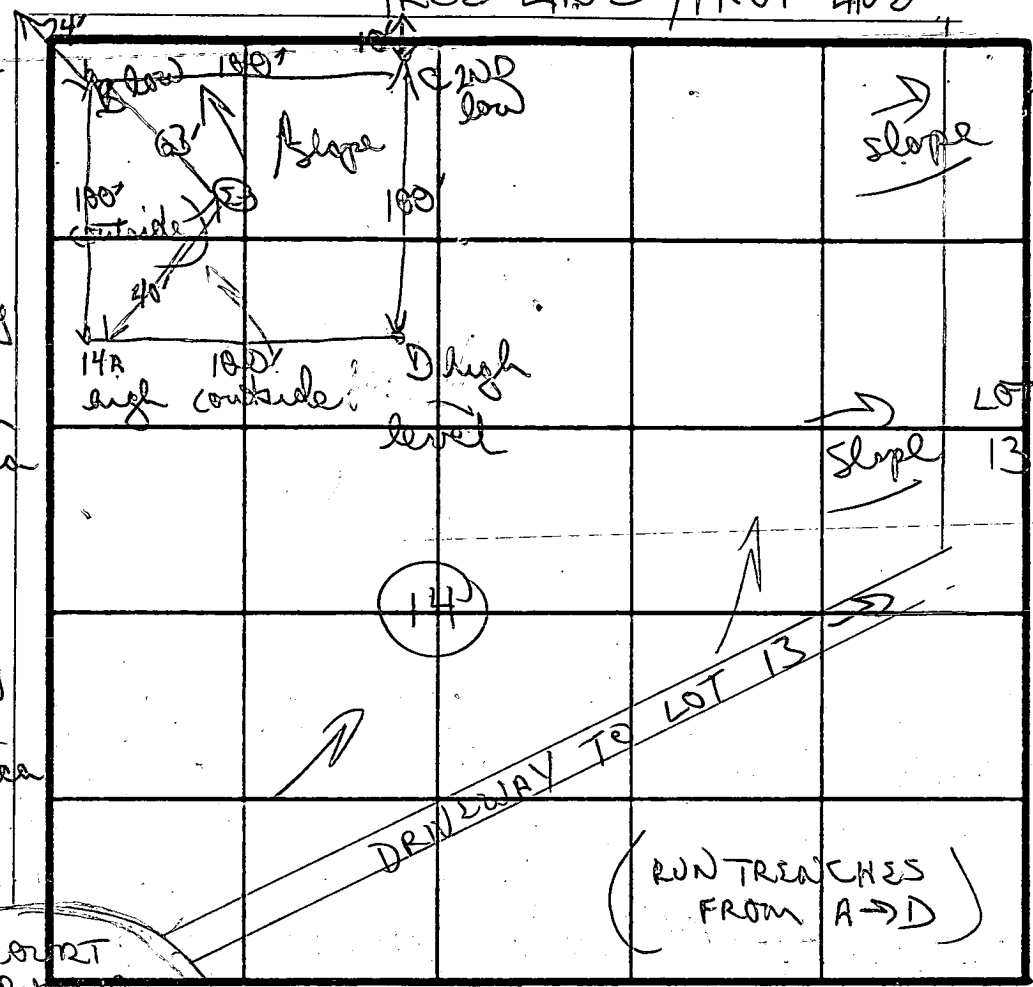
Serial # 8710 2135
SFD - 46mm

THIS IS NOT A PERMIT

A 37786

TREE LINE / PROP LINE

TO LOT 15



SOIL PROFILE

0
brown/red silty clay loam
3 1/2'
red/brown silty mica loam
↓
mixed with grey brown powder silty mica loam
12' ± D

C
tan/red brown silty/chunky clay loam
4'
gray/tan brown silty mica loam
↓

A
AP zone
gritty brown yellow clay sand loam
changing 4'
to tan brown silty mica loam
↓
12 1/2' D

B
AP zone
Chunky red brown sandy clay loam
3 1/2'
tan brown silty mica loam
↓
13' D

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"	1055	1056	1056	1057	1 MIN	
		8' M	1055	1056	1056	1057	1 MIN	
		12' D	bottom (see profile)					
	A	4'5"	1104	1112	1120	1122	10 MIN	
		12' 1/2"	bottom (see profile)					
	B	4'5"	1118	1119	1119	1120	1 MIN	
		13' D	bottom (see profile)					
	C	4'5"	1122	1124	1124	1127	3 MIN	
		12' D	bottom (see profile)					
	E	VISUAL	12' D	-OR	(SIMILAR TO C)			

REMARKS tested as per plot silty/sandy clays top 4'; below silty mica loam

TESTED BY B Nylan ALSO PRESENT diggers

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 37485

P _____

DISTRICT _____
DATE 10/10/86
June 30, 1986

*10/28/86
new perc area
OK'd pending
approved that
10/14/86
further testing
for wet season*

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
11904 Clarksville Road
ADDRESS Clarksville, Maryland 21029

Martha V. Langenfelder
5511 Hamilton Avenue
PHONE Baltimore, Maryland 21206

PROPERTY LOCATION:

SUBDIVISION Langenfelder Farm

LOT NO. 13

*Part of Lot-1830
Unused*

ROAD AND DESCRIPTION Maryland Route 108 and Shepherd Lane

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 P. Murray
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

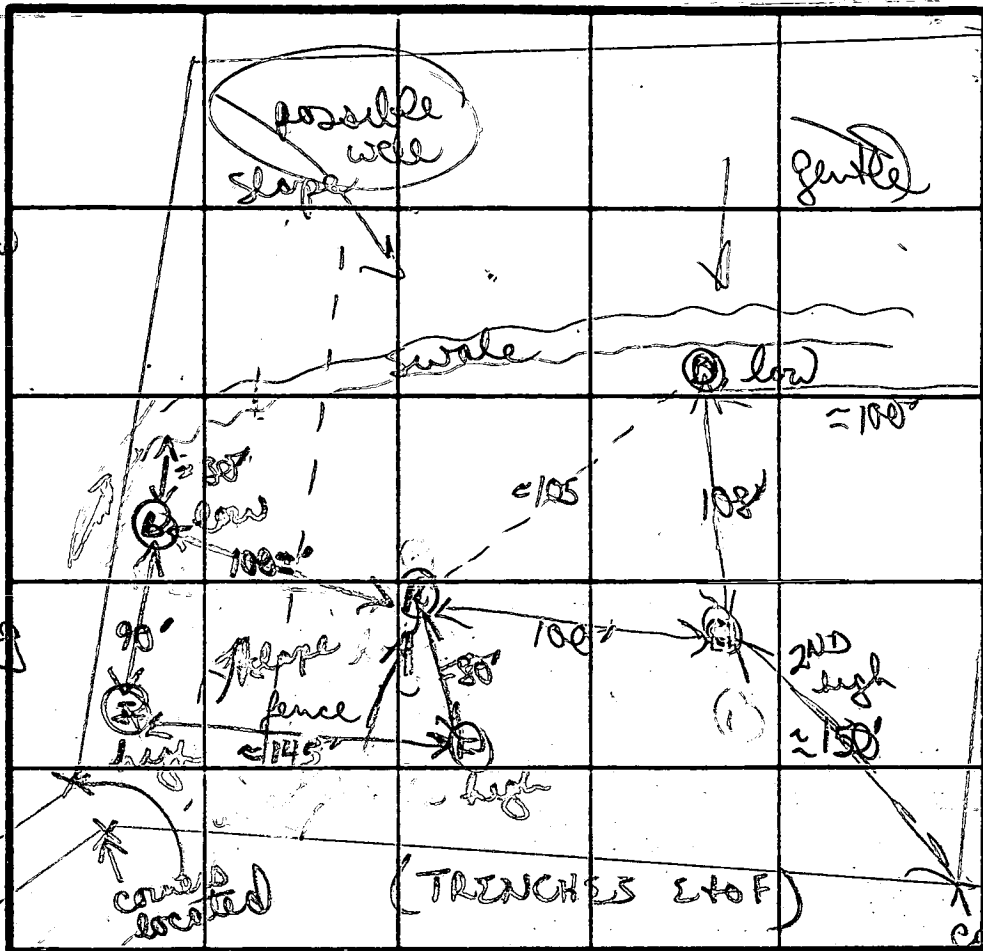
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS Used new perc area & lot DATE _____
line adjustments

REASONS FOR REJECTION OR HOLDING May need wet season depending upon
redesign
*10/28/86 for new lot design & hole
location

THIS IS NOT A PERMIT

A 37785



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE
 orange/yellow clay silt loam
 3' brown silty micaceous loam
 10' H₂O bubbling in
 H₂O at 13'

creek
 brown silty micaceous loam
 yellow grey → gritty sandy silty loam
 11' H₂O at 12' D

orange/brown silty clay
 brown tan silty micaceous loam
 no H₂O
 13' D

orange/brown silty loam mix
 brown grey silty loam
 b setting damp
 H₂O at 11'
 13' D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
10/14/86	C)	NOT TESTED					
	A)	13' D (hit H ₂ O @ 11')	213	215	215	217	2 MIN
	D)	13' bottom (see profile)					
	D)	NOT TESTED					
		13' D (H ₂ O at 11')					
10/28/86	B)	4' S	331	338	338	355	17 MIN
		7 1/2' M	331	336	336	343	7 MIN
		12' D bottom (see profile)					
							(see page 2)

REMARKS: SHALLOW SYSTEM PREPARED
 perc field adjusted due to swale = H₂O in 2 holes
 Readjustment of perc field +/- on lot lines
 (10/28/86) pipe skins adjusted

TESTED BY: B. N. Ryan
 ALSO PRESENT: James, Sid

APPLICATION

PERCOLATION TESTING

A _____

P _____

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH
P.O. BOX 476 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 461-9933

DISTRICT _____

DATE _____

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 _____

ADDRESS _____ PHONE _____

PROSPECTIVE BUYER _____

ADDRESS _____ PHONE _____

PROPERTY LOCATION:

SUBDIVISION _____ LOT NO. *Final lot 30*

ROAD AND DESCRIPTION _____

TAX MAP _____ PARCEL # _____

SIZE OF LOT _____ TYPE BLDG. _____
(SINGLE FAMILY DWELLING OR COMMERCIAL)

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.

(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

A 37785

①

SOIL PROFILE

0
 Orange/brown
 gritty silty
 mica loam
 2 1/2'
 white/fine
 powdery
 silty loam
 10% well
 by water
 rock frag
 ↓
 12'D

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

②

Similar
 to ①
 ↓
 11'D

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
01/28/66	E	3'5"	342	343	343	345	2mm	
		12'D	both (see profile)					
	F	4'5"	356	358	358	400	2mm	
		11'D	both (see profile of E)					

REMARKS _____

TYPE OF SOIL _____

TESTED BY B. Nylan ALSO PRESENT Jane Aril

C1 5189

SEQUENCE NO. (DENV USE ONLY)

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 A37786

ST/CO USE ONLY DATE RECEIVED

DATE WELL COMPLETED

Depth of Well

PERMIT NO. FROM "PERMIT TO DRILL WELL"

8 13

15 20 072899

22 26 240 (TO NEAREST FOOT)

28 37 10-94-0103

OWNER Scott Development last name first name TOWN Clarksville STREET OR RFD Park View Ct SUBDIVISION Cloverleaf Estates SECTION 2 LOT 20

WELL LOG table with columns: DESCRIPTION (Use additional sheets if needed), FEET (FROM, TO), Check if water bearing. Includes entries: Topsoil, Clay, Br. Sandy Clay, Br. Sandstone, Tan Sandstone, Granite, The Sandstone, Granite.

GROUTING RECORD: WELL HAS BEEN GROUTED (Y), TYPE OF GROUTING MATERIAL CEMENT (CM), BENTONITE CLAY (BC), NO. OF BAGS 14, NO. OF POUNDS 1400, GALLONS OF WATER 70, DEPTH OF GROUT SEAL from 0 to 40 ft.

CASING RECORD: MAIN CASING TYPE (ST), Nominal diameter top (main) casing (nearest inch) 6, Total depth of main casing (nearest foot) 51.

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

SCREEN RECORD: screen type or open hole (HO), insert appropriate code below (ST, BR, HO, PL, OT).

DEPTH (nearest ft.) 49, 240. E A C H S C R E E N 1 2 3

CIRCLE APPROPRIATE LETTER 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...

DRILLERS IDENT. NO. 40

DRILLERS SIGNATURE (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

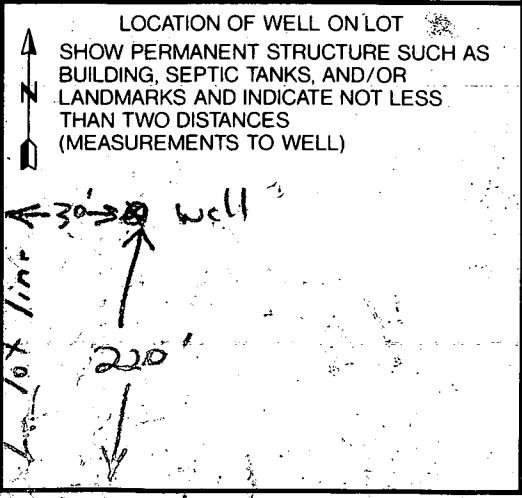
OEP USE ONLY (NOT TO BE FILLED IN BY DRILLER)

T (E.R.O.S.) 70, W Q 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

PUMPING TEST: HOURS PUMPED (nearest hour) 7, PUMPING RATE (gal. per min. to nearest gal.) 12, METHOD USED TO MEASURE PUMPING RATE, WATER LEVEL (distance from land surface) BEFORE PUMPING 24, WHEN PUMPING 48, TYPE OF PUMP USED (for test) 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. CAPACITY: GALLONS PER MINUTE, PUMP HORSE POWER, PUMP COLUMN LENGTH (nearest ft.), CASING HEIGHT (circle appropriate box and enter casing height) + above, LAND SURFACE (nearest foot) 5.





HOWARD COUNTY HEALTH DEPARTMENT

Joyce M. Boyd, M.D., County Health Officer

February 13, 1997

Nantucket Island Homes, Inc.
8835-P Columbia 100 Parkway
Columbia, Maryland 21045

RE: **Actual well location and casing protection**
Clearview Estates, Lot #66
12125 Dusk View Court
Well Permit #HO-94-0103

Dear Sirs:

Upon inspection of the septic system installation for the above referenced property, it was found that the actual well location, which differed considerably from the location shown on the building permit plan, will probably be in conflict with the proposed driveway/parking pad design.

According to COMAR 26.04.04.05B.(2)(a)(ii), the Code of Maryland Regulations, a proposed well location should be "15 feet from a road or dedicated road right-of-way." In addition, please be advised that, according to COMAR 26.04.04.07.D(3)(c), "a minimum of 8 inches of the casing length shall extend above ground level after final grading."

The intent of this notification is to ensure adequate protection of the existing well through a driveway/parking pad configuration that keeps the well safely out of the paved area. This office has concerns about the potential for substantial danger to the well casing from passing vehicles, as well as the possibility of well contamination from automotive fluid leaks and discharges.

Please submit your final driveway\parking pad design to this office for review. If you have any questions regarding this matter, please do not hesitate to contact me at (410) 313-2640.

Sincerely,

Donna K. Soe, R.S.
Water and Sewerage Program

DKS

cc: file

FAX

Date

2/26/97

Number of pages including cover sheet

3

TO:

HEALTH DEPT.

ATTN: DONNA SOEN

Phone

Fax Phone

313 2648

FROM:

LDE Inc

9250 Rumsey Road

Suite 106

Columbia, MD 21045

Phone

410-715-1070

Fax Phone

410-715-9540

CC: BLOB PERMIT # B00102135

REMARKS: Urgent For your review Reply ASAP Please Comment

PLEASE REVIEW ATTACHED REVISED LOT GRADING FOR LOT 66 @ CLEARVIEW ESTATES. I'VE PROVIDED A PROTECTIVE EARTH MOUND AROUND THE PERIMETER OF THE WELL CASING. THE LOT OWNER HAS CONSIDERED PLACING SHRUBBERY ON THE MOUND TO PROVIDE ADDITIONAL PROTECTION. THE DRIVEWAY HAS BEEN PITCHED TO DIRECT DRAINAGE AWAY FROM THE WELL CASING. ALSO, 10 FOOT HAS BEEN PROVIDED FROM THE WELL CASING TO THE EDGE OF THE DRIVEWAY. I BELIEVE YOUR REFERENCE TO COMAR REGULATION REFERS TO A PUBLIC ROAD OR PUBLIC ROAD R/W NOT A PRIVATE SINGLE USE LOT DRIVEWAY.

PLEASE REVIEW AND CONTACT ME WITH ANY QUESTIONS.

CC: NANTUCKET ISLAND

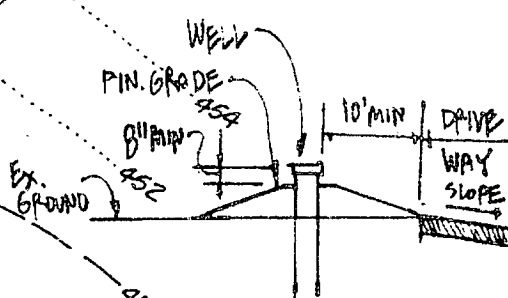
SEPTIC SYSTEM DESIGN DATA

1. 4 BEDROOMS
2. INV. @ WALL: 441.70
3. 1250 GALLON SEPTIC TANK
 PROVIDE MANHOLE TO FIN. GRADE
 EX. GROUND @ TANK: 445.00
 FIN. GRADE @ TANK: 445.00
 INV. IN: 441.20
 INV. OUT: 440.90
4. DISTRIBUTION BOX (3 OUTLETS MIN.)
 EX. GROUND @ BOX: 444.20
 FIN. GRADE @ BOX: 444.20
 INV. IN: 440.20
5. TRENCH DESIGN (180 S.F./BEDROOM)
 180 S.F. x 4 BR = 720 S.F.
 720 S.F. ÷ 3 = 240 L.F.

	TRENCH(A)	TRENCH(B)	TRENCH(C)
EX. GROUND @ TRENCH	443.80	443.70	443.00
FIN. GRADE	443.80	443.70	443.00
INVERT	439.80	439.40	439.00
BOTTOM EL.	436.80	436.40	436.00
TRENCH WIDTH	2'-0"	2'-0"	2'-0"
TRENCH LENGTH	80'	80'	80'

NOTE: CONTRACTOR SHALL PROVIDE 8" DIP CLASS 52 MIN. SLEEVE THROUGH BUILDING FOOTER FOR SEWER CONNECTION.

WELL DETAIL



BLDG PERMIT # B-00102135

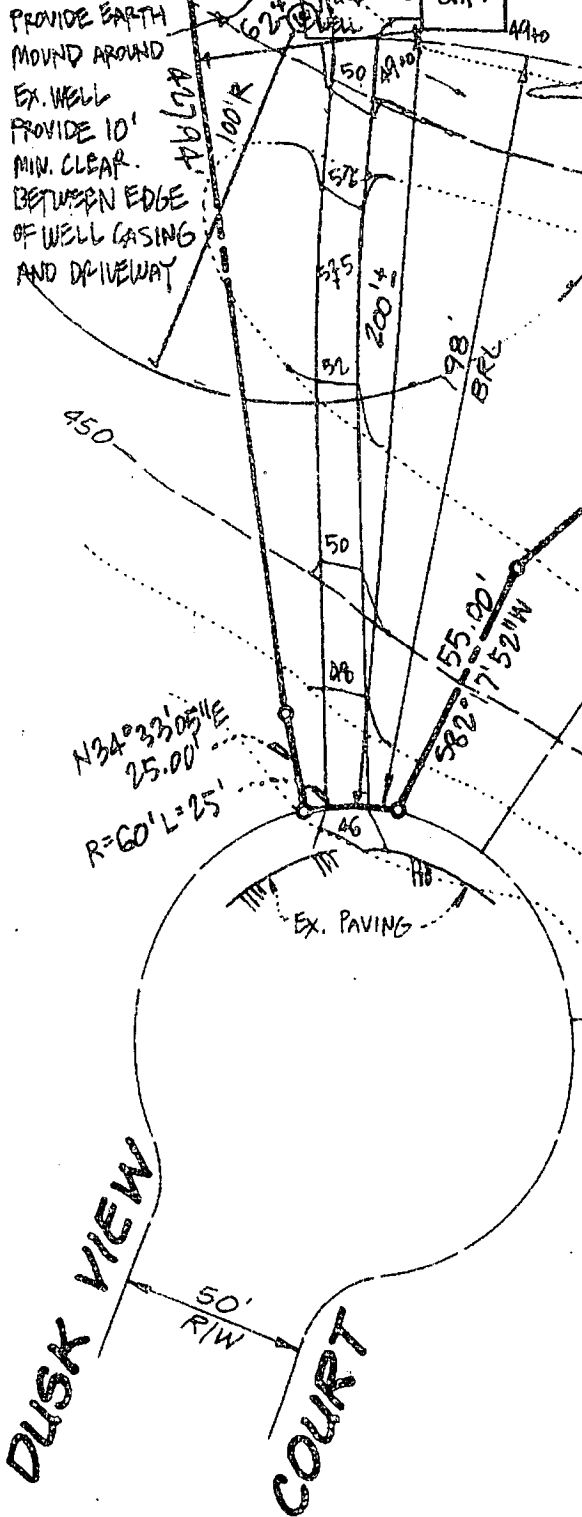
LDE, Inc.
 8280 Rumaay Road, Suite 106
 Columbia, Maryland
 (410)715-1070 - (301)596-3424 - Fax(410)715-9540

REVISED 2/26/97 PROVIDE LANDSCAPE AND WELL BERMS
 REVISED 9/25/96 MOVE HOUSE DUE TO RELOC. WELL SITE

PLOT PLAN
LOT 66 Clearview Estates
 Resubdivision of Lot 30 - Sec. 2
 5th Election District Howard County, MD.

Date: Aug. 1996	Drawn: KBW	
Scale: 1" = 50'	LDE Job No. 96-082	SHEET: 1 of 1

PROVIDE EARTH MOUND AROUND EX. WELL PROVIDE 10' MIN. CLEAR. BETWEEN EDGE OF WELL CASING AND DRIVEWAY



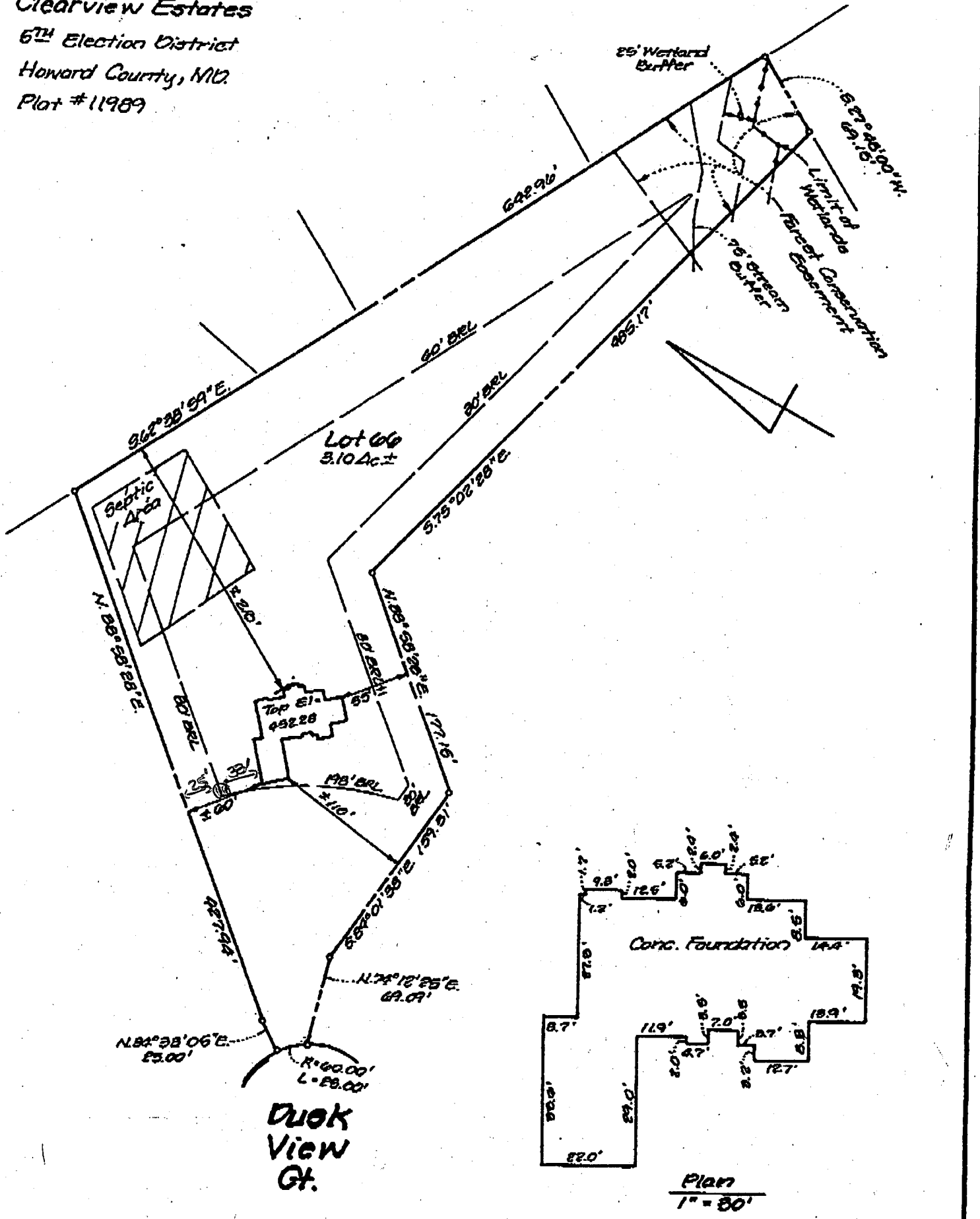
N34°33'05\"/>

DUSK VIEW
 50' R/W
COURT

Property known as: **Lot 66**

THIS PLAT CAN NOT BE USED TO ESTABLISH PROPERTY LINES OR CORNERS.

"Plot of Resubdivision"
Clearview Estates
6th Election District
Howard County, MD
Plot # 11989



LOCATION SURVEY PLAT

SUBJECT PROPERTY NOT LOCATED IN A FLOOD PLAIN AREA UNLESS OTHERWISE NOTED

CERTIFICATION

This is to certify that I have surveyed the property known as:

Duck View Court

for the purpose of locating the improvements thereon, and the improvements are located as shown.

SEAL



SCALE 1"=100' DATE 10-17-90

LDE Inc.

9250 Rumsey Road Suite 106
Columbia, Maryland 21045

(Balt.) 410-715-1070
(Wash.) 301-596-3424
(FAX) 410-715-9540

Approved Septic System Plan
Howard County Health Department
000102135

LOT 66
3.10 AC ±
PLAT # 119/89
Date 9-11-96

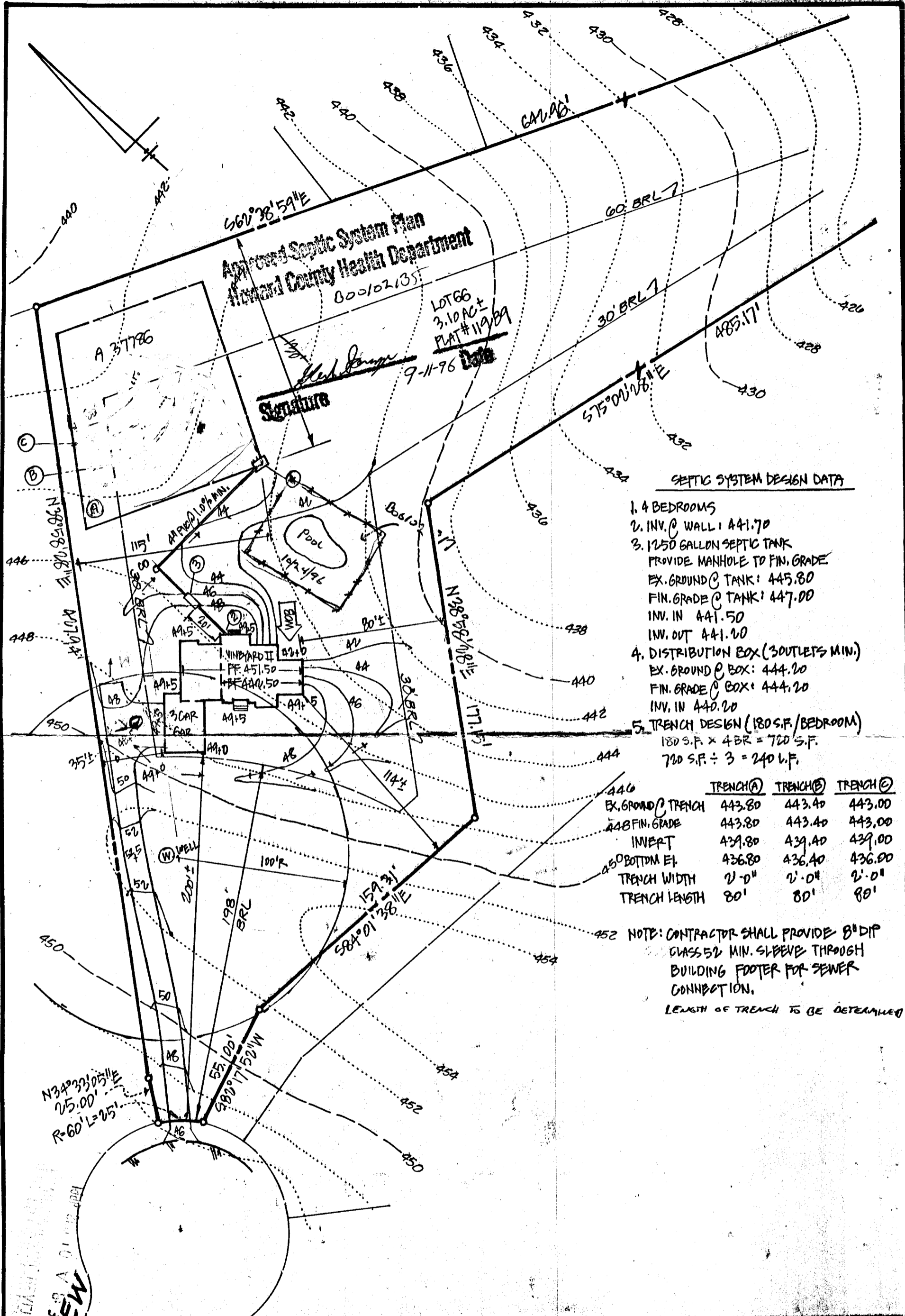
Handwritten Signature
Signature

SEPTIC SYSTEM DESIGN DATA

1. 4 BEDROOMS
2. INV. @ WALL: 441.70
3. 1250 GALLON SEPTIC TANK
PROVIDE MANHOLE TO FIN. GRADE
EX. GROUND @ TANK: 445.80
FIN. GRADE @ TANK: 447.00
INV. IN 441.50
INV. OUT 441.20
4. DISTRIBUTION BOX (3 OUTLETS MIN.)
EX. GROUND @ BOX: 444.20
FIN. GRADE @ BOX: 444.20
INV. IN 440.20
5. TRENCH DESIGN (180 S.F./BEDROOM)
180 S.F. x 4 BR = 720 S.F.
720 S.F. ÷ 3 = 240 L.F.

	TRENCH (A)	TRENCH (B)	TRENCH (C)
446 EX. GROUND @ TRENCH	443.80	443.40	443.00
448 FIN. GRADE	443.80	443.40	443.00
INVERT	439.80	439.40	439.00
450 BOTTOM EI.	436.80	436.40	436.00
TRENCH WIDTH	2'-0"	2'-0"	2'-0"
TRENCH LENGTH	80'	80'	80'

452 NOTE: CONTRACTOR SHALL PROVIDE 8" DIP
GLASS 52 MIN. SLEEVE THROUGH
BUILDING FOOTER FOR SEWER
CONNECTION.
LENGTH OF TRENCH TO BE DETERMINED

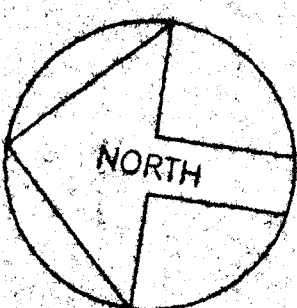


DUSK VIEW COURT
50' R/W

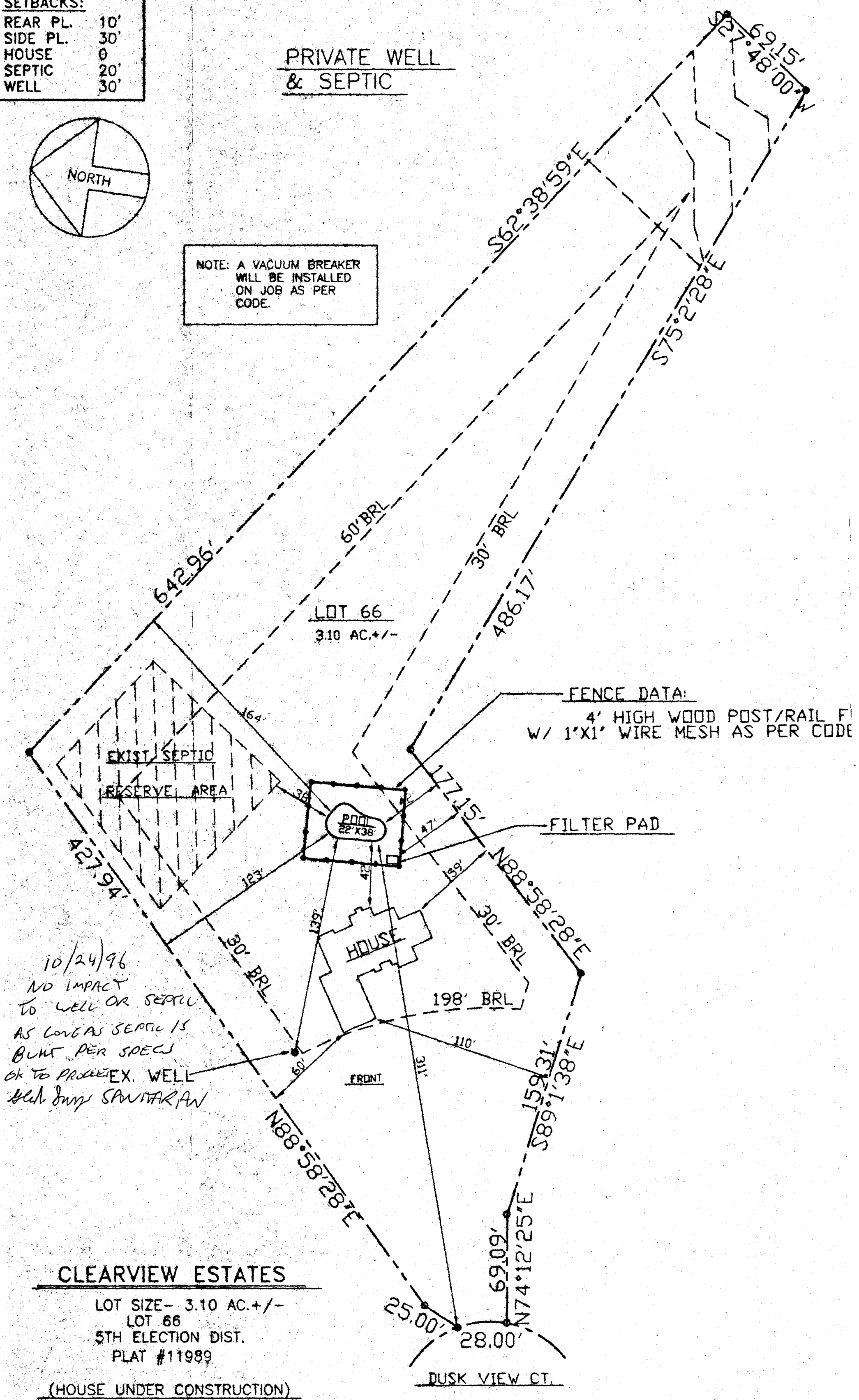
<p>LDE, Inc. 8250 Rumsey Road, Suite 108 Columbia, Maryland (410)713-1070 - (301)598-3424 - Fax (410)713-9540</p>		<p>PLOT PLAN LOT 66 Clearview Estates Resubdivision of Lot 30 - SEC. 2 5th Election District Howard County, MD.</p>	
Date:	Aug. 1990	Drawn:	KBW
Scale:	1"=50'	LDE Job No.	90-842
		SHEET:	1 OF 1

SETBACKS:	
REAR PL.	10'
SIDE PL.	30'
HOUSE	0
SEPTIC	20'
WELL	30'

PRIVATE WELL
& SEPTIC



NOTE: A VACUUM BREAKER
WILL BE INSTALLED
ON JOB AS PER
CODE.



10/24/96
NO IMPACT
TO WELL OR SEPTIC
AS LONG AS SEPTIC IS
BUILT PER SPECS
OK TO PROCEED EX. WELL
HCL JIM SANDRAN

CLEARVIEW ESTATES

LOT SIZE - 3.10 AC +/-
LOT 66
5TH ELECTION DIST.
PLAT #11989

(HOUSE UNDER CONSTRUCTION)

SITE PLAN
SCALE: 1" = 50'

