

4/7/89 noon

# PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY  
BUREAU OF ENVIRONMENTAL HEALTH  
461-9933

P 43454  
A 34808  
DISTRICT 5th  
DATE 1/11/89  
DATE SYSTEM APPROVED 4-7-89  
INSPECTOR JEN

INDEXED

05-402387

C. C. Cissel IS PERMITTED TO INSTALL  ALTER   
ADDRESS 14079 Brighton Dam Road, Clarksville, Maryland PHONE 854-2006

SUBDIVISION Chapel Woods ROAD 11836 Linden Chapel Rd LOT 6, Area 1, Section 2

PROPERTY OWNER William ~~GROVES~~ GROVES

ADDRESS \_\_\_\_\_

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

GARBAGE GRINDER? YES  NO

2256  
4  
3/1024  
341 A trench

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 256 sq. ft. per bedroom with garbage disposal. Trench to be 3 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 6 feet below original grade. Effective area begins at 4 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place the distribution box at a point located 180 feet down the left (570') line and 80 feet off the left side of the lot as seen when facing the lot from Linden Chapel Road. Run trenches along contour towards the right (575') and front right corner. NOTE: BE SURE TO MAINTAIN MINIMUM 100' DISTANCE FROM WELL END SEPTIC.

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

PLANS APPROVED BY Bert Nixon DATE 12/30/86

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

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 TRENCHES ARE USED CALL FOR INSPECTION BEFORE AND AFTER PLACING GRAVEL IN TRENCHES

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 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 PVC OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET, MANHOLE TO GRADE REQUIRED

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

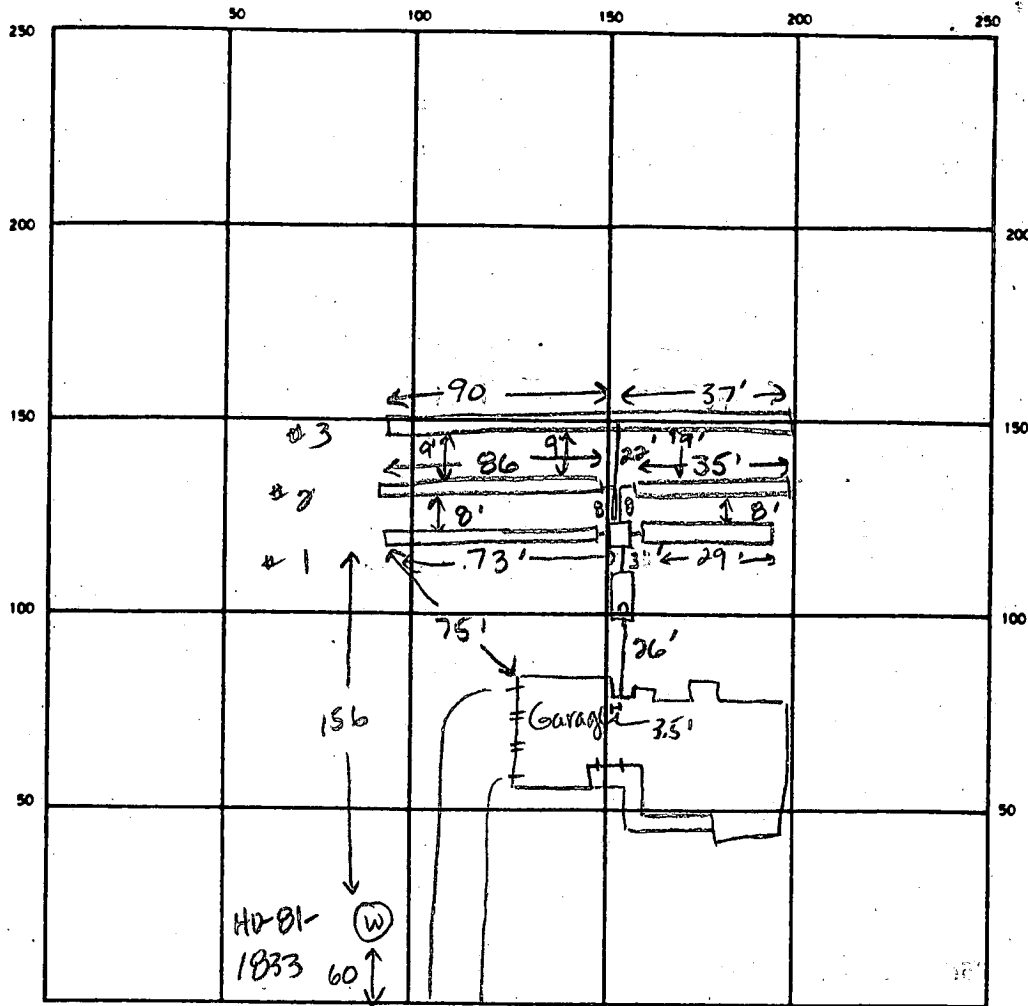
**BUILDING PERMIT SIGNED AND RETURNED**

10-202  
300 138700 - bump out kitchen

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

\*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

34808



127  
121  
102  
350

90  
2.4  
360  
880  
216  
60  
156

121  
35  
86  
102  
29  
73

327  
27  
128  
64

90 - 10  
tranche

26  
2.4  
104  
52

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE  
Linden Chapel Road

SEPTIC TANK LEVEL 2000 gal CLEANOUTS 1 on septic tank

DISTRIBUTION BOX LEVEL ok w/ baffle, set in stone

DRAIN FIELD TILE FIELD DEPTH 6' 6' 6' TRENCH WIDTH 3 FT. INLET DEPTH 4' 4' 4.5'

EFFECTIVE GRAVEL DEPTH 2' 2' 1.5' FT. TOTAL LENGTH 107 121 127 FT.

NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 306 363 381 SQ. FT.

DRYWELL INSIDE DIAMETER \_\_\_\_\_ FT. EFFECTIVE DEPTH BELOW INLET \_\_\_\_\_ FT.

ABSORBENT AREA 1050 SQ. FT.

REMARKS to cover all work. JEN.

DATE SYSTEM APPROVED 4-7-09

INSPECTOR James E. Madigan

# APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

A 34808

P \_\_\_\_\_

HOWARD COUNTY HEALTH DEPARTMENT  
ENVIRONMENTAL HEALTH SERVICES  
P.O. BOX 476 ELLICOTT, MARYLAND 21043  
TELEPHONE: 992-2330

DISTRICT 5

DATE Jan. 8 1985

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 Newburn Development Corporation Wm. C. Grouls

ADDRESS Suite 201, 5570 Sterrett Place  
Columbia, Maryland 21044 PHONE 997-3815

PROPERTY LOCATION: \_\_\_\_\_

SUBDIVISION Chapel Woods, Section 2 LOT NO. LOT 6 AREA I ON FINAL Sec 2

ROAD AND DESCRIPTION Linden Chapel Road

11836 Linden Chapel Rd.

SIZE OF LOT 3-acre TYPE BLDG. single family residence

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 L Newburn

APPROVED BY S. Abel FOR Shallow Spgr. DATE 7-18-88

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

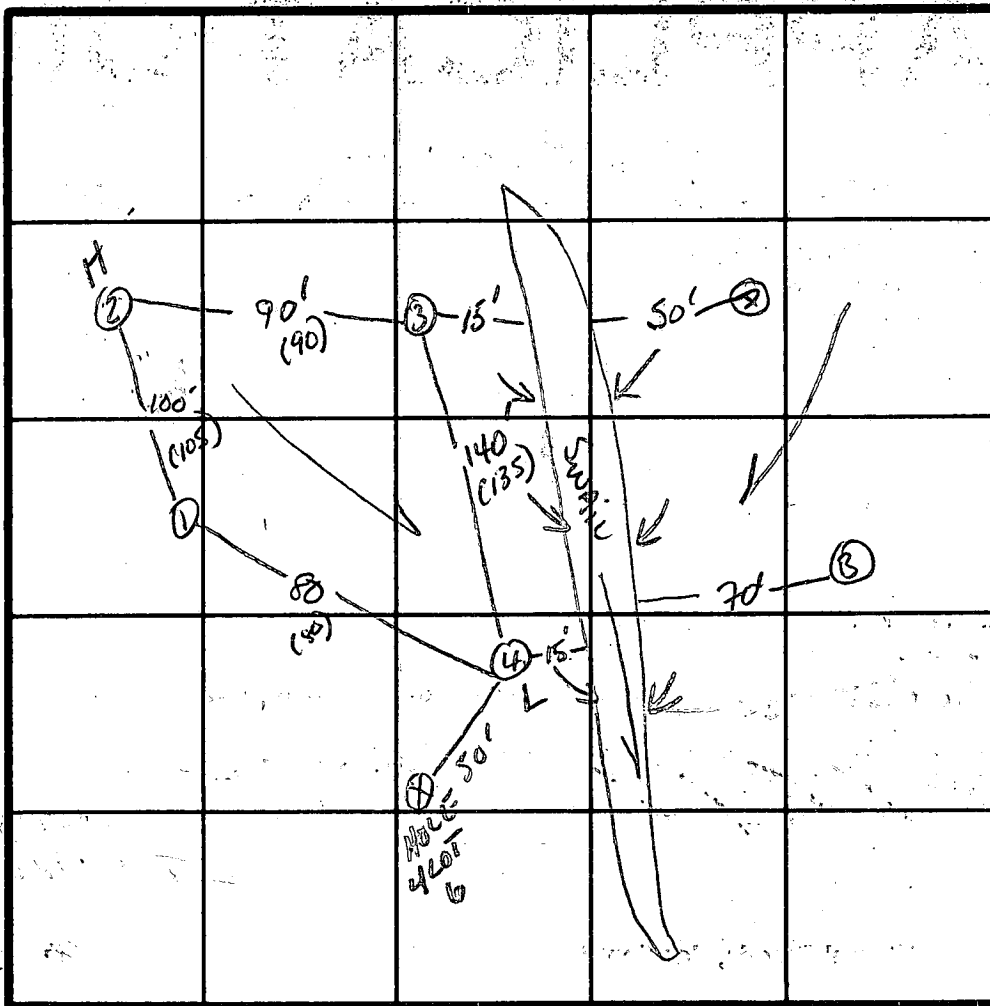
HOLD PENDING FURTHER TESTS \_\_\_\_\_ DATE \_\_\_\_\_

REASONS FOR REJECTION OR HOLDING 2-14-85 Hold For Review, (Certified hole plat  
HOUSE AND well SITE S. Abel

BLDG. PERMIT SIGNED  
AND RETURNED 7-18-88  
BP18913 Job

# THIS IS NOT A PERMIT

LOT 7



(A)+(B)  
NOT PERCED  
DUE TO  
SWAIL IN  
MIDDLE OF  
FIELD

(1) (2) (17) (8)  
SOIL PROFILE

0	A0-3
6"	RED BROWN CLAY LOAM 10-20% SAPROLITE
3'	BROWN S. HY SAND 10-20% SAPROLITE
11'	BROWN/WHITE SAND CHALK 20-30% SAPROLITE
13'	

(3)

6"	RED BROWN CLAY 10% SAPROLITE
4'	SAND LOAM REDISH BROWN <10% SAPROLITE
11'	

(4)

6"	A0-3
3.5'	BROWN CLAY LOAM
	BROWN SAND LOAM 40-60% SAPROLITE
10'	LARGE ROCK FRAGMENTS
11'	

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

LT 108

DATE	TEST NO.	DEPTH	PRE-WET.		TEST - 1" DROP		TIME	
			START	STOP	START	STOP		
2/14/85	1S 1V	4' 14'	11:55	11:56	11:56	12:02	6 min	
	2S 2V	4' 11'	12:35	12:48	12:48	1:18	30 min	
	3S 3V	5' 12.5'	12:50	12:51	12:51	1:00	9 min	
	4U	11'	ROCK AT 10' WEATHERED - vein PATTERN					
			HOLE 4 LOT 6 SIMILAR TO AND CLOSE TO HOLE 4 LOT 7					

REMARKS No Perc HOLE #4, 50' from hole 4 Lot 6 which is OK

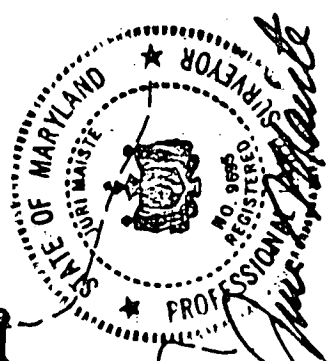
Should consider shallow system in future for repair

TYPE OF SOIL DUE TO ROCK IN HOLE 4

TESTED BY S. Auhl

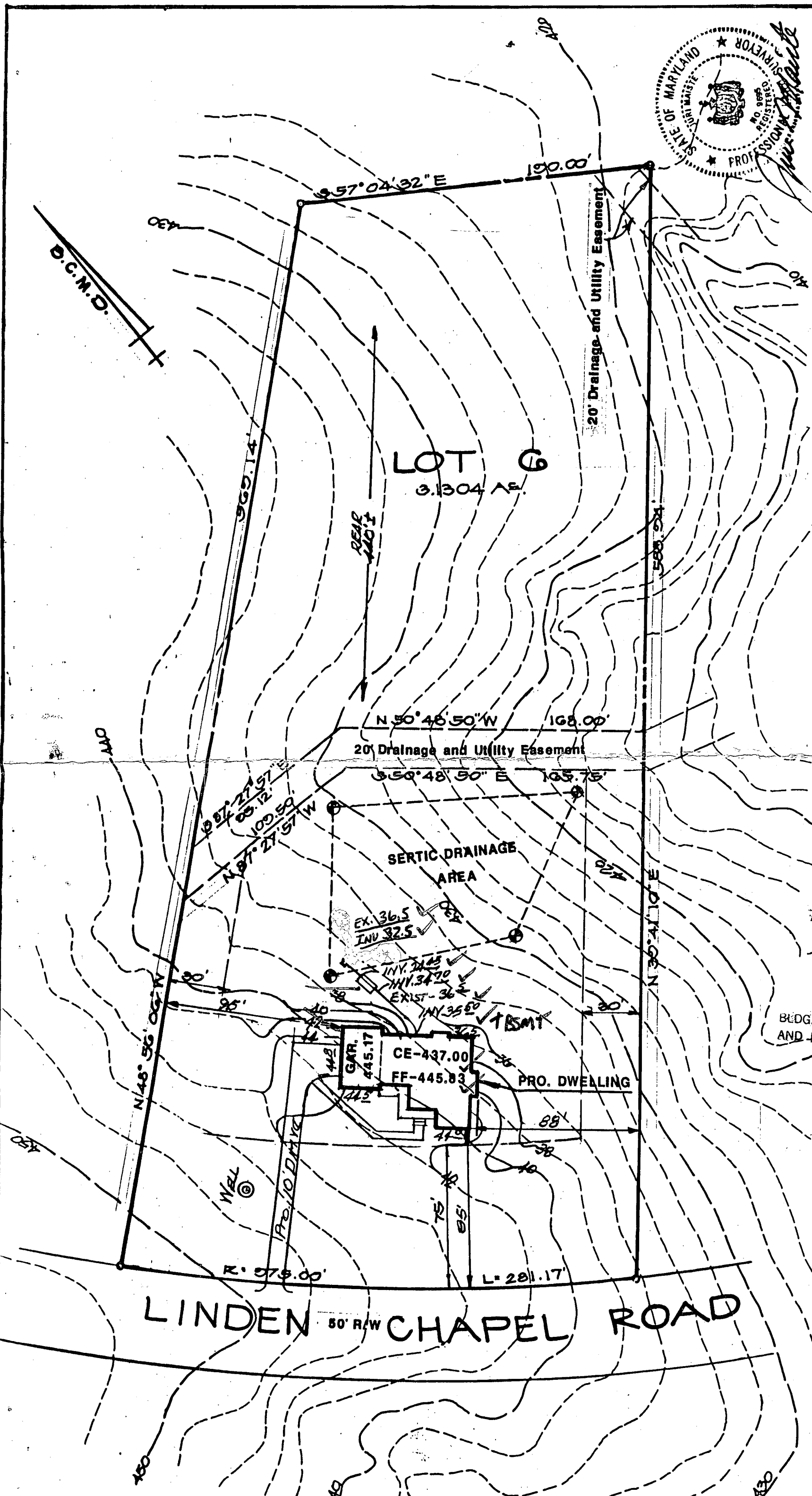
ALSO PRESENT Duwan, ERIC, FRANK JR., Newbeun development

Chester Association



**SITE PLAN OF LOT NO.6**  
**CHAPEL WOODS**  
 5-TH ELECTION DISTRICT  
 HOWARD COUNTY, MARYLAND  
 PLAT NO. 6954

**MAISTE & WATTS, INC.**  
 SURVEYORS / ENGINEERS 882-0321  
 2923 CHENOAK AVENUE, BALTIMORE, MD 21234  
 DATE: JUNE 25, 1988 SCALE: 1"=50'



7/18/88  
 elevations  
 of  
 S. abel  
 BLDG. PERMIT SIGNED  
 AND RETURNED 7-18-88  
 BP19913  
 S. abel

LINDEM CHAPEL ROAD



**C1** 3776 SEQUENCE NO. (OEP USE ONLY)  
 (THIS NUMBER IS TO BE PUNCHED IN COLS. 36 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-34808**

DATE RECEIVED  
 8 13

DATE WELL COMPLETED  
 15 20 **01/09/87**

DEPTH OF WELL  
 22 26 **32**  
 (TO NEAREST FOOT)

PERMIT NO.  
 FROM "PERMIT TO DRILL WELL"  
**40-81-1833**  
 28 29 30 31 32 33 34 35 36 37

OWNER **DEVELOPMENT NEWBORN**  
 STREET OR RFD **LAST NAME CHAPEL RD** first name TOWN **CLARKSVILLE**  
 SUBDIVISION **CHAPEL WOODS** SECTION **2** LOT **6**

**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	
<i>Handwritten notes</i>			

**GROUTING RECORD**  
 WELL HAS BEEN GROUTED (Circle Appropriate Box) **Y** **N**  
 TYPE OF GROUTING MATERIAL  
 CEMENT **CM** BENTONITE CLAY **BC**  
 NO. OF BAGS **10** NO. OF POUNDS **440**  
 GALLONS OF WATER **66**  
 DEPTH OF GROUT SEAL (to nearest foot)  
 from **0** ft. to **30** ft.  
 48 TOP 52 (enter 0 if from surface) 54 BOTTOM 58

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

MAIN CASING TYPE **ST** Nominal diameter top (main) casing (nearest inch) **6** Total depth of main casing (nearest foot) **34**  
 60 61 63 64 66 70

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

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

**C2**  
 DEPTH (nearest ft.)  
 1 **40** 32 34  
 8 9 11 15 17 21  
 23 24 26 30 32 36  
 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.) WQ  
 70 72 74 75 76  
 TELESCOPE CASING LOG INDICATOR OTHER DATA

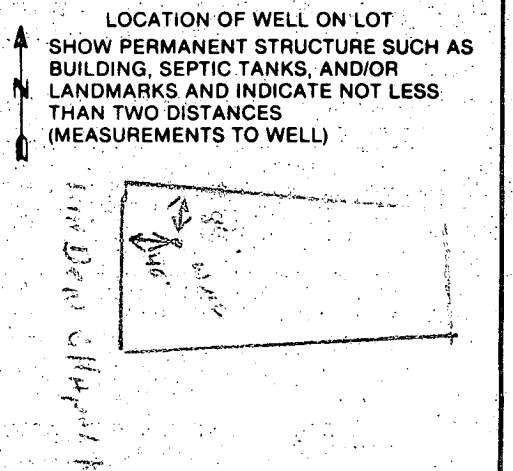
**C3**  
**PUMPING TEST**  
 HOURS PUMPED (nearest hour) **3**  
 8 9  
 PUMPING RATE (gal. per min. to nearest gal.) **12**  
 11 15  
 METHOD USED TO MEASURE PUMPING RATE *see chart*  
 WATER LEVEL (distance from land surface)  
 BEFORE PUMPING **18**  
 17 20  
 WHEN PUMPING **18**  
 22 25  
 TYPE OF PUMP USED (for test)  
**A** air **P** piston **T** turbine  
 27 27 27  
**C** centrifugal **R** rotary **O** other (describe below)  
 27 27 27  
**J** jet **S** submersible  
 27 27

**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) **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) **2**  
 (-) below } **50** **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

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. **238**  
 DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)  
 SITE SUPERVISOR (sign. of driller or journeyman, responsible for sitework if different from permittee)



55°03'19"E

LOT AREA  
3,465.17#  
0.06Ac.

LOT AREA  
132,212.55#  
3.04Ac.

LOT AREA  
136,358.38#  
3.13Ac.

LOT AREA  
135,054.21#  
3.10Ac.

LOT AREA  
134,514.37#  
3.08Ac.

NORMAL POOL  
ELEV. = 369.00'

100YR. HW. = 370.8'

20' STORM DRAIN  
EASEMENT

20' STORM DRAIN  
EASEMENT

20' STORM DRAIN  
EASEMENT

S Building Restriction Line

E Building Restriction Line

STD. CURB & GUTTER  
1ST D. DETAIL 20 R. 500'

Sub CRD  
as staked  
1/27/86

Station left  
w/ 1/27/86

CLOSED REC. NO. 2 (110 STRIP)

CURVE 2 L=535

14

9

6 New lot #

7

6

575'

STA 12+83

STA 12+83

190'

2314.00'

260'

173'

160'

60'

60'

420'

410'

400'

360'

150'

270'

0.24Ac.

0.13Ac.

280'

280'

280'

280'

280'

280'

280'

280'

35'

35'

75'

75'

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5/22/89  
AM

HOWARD COUNTY HEALTH DEPARTMENT  
Bureau of Environmental Health  
3525-H Ellicott Mills Drive  
Ellicott City, MD 21043  
461-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation   
Replacement

Receipt # 44089  
Date 4/25/89

Name of Installer ROBERT L. FEELER Co., INC.

Telephone 781-4655

License Number 2122

Certified Well Pump Installer  Well Driller  Registered Plumber

Name of Property Owner CHATELWOOD CONST. CO.

Telephone 531-5409

Subdivision CHATELWOODS Lot # 6

Well Tag # 081-18-33

Site Address 11836 LINDEN CHATELWOOD

- Pump
- Type
    - Deep well jet
    - Shallow well jet
    - Submersible
  - Make DEMINGE GRISWOLD
  - Model # 3XLN
  - Capacity 5 GPM
  - Pump exceeds well capacity Yes  No
  - If Yes, is low pressure cutoff switch installed? Yes  No
  - What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors  Cable guards  Other

- Motor
- Horsepower 1/2
  - RPM 3450
  - Voltage 
    - 110
    - 220

- Pitless Adapter
- Make MERRILL
  - Model # MB-10
  - Depth 42" +

- Tank CAPTIVE AIR
- Capacity WX203
  - Pressure relief valve? YES

- Piping
- Type POLY.
  - Size 1"
  - NSF and/or BOCA Code approved
  - Depth of supply line 42" +

- Well data
- Depth 324 ft.
  - Yield 12 GPM
  - Static water level  ft.
  - Will water supply be disinfected by installer? YES

P.A. 4' B.G. TANK  
MR S/22/89 IN &  
OPERATING

I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

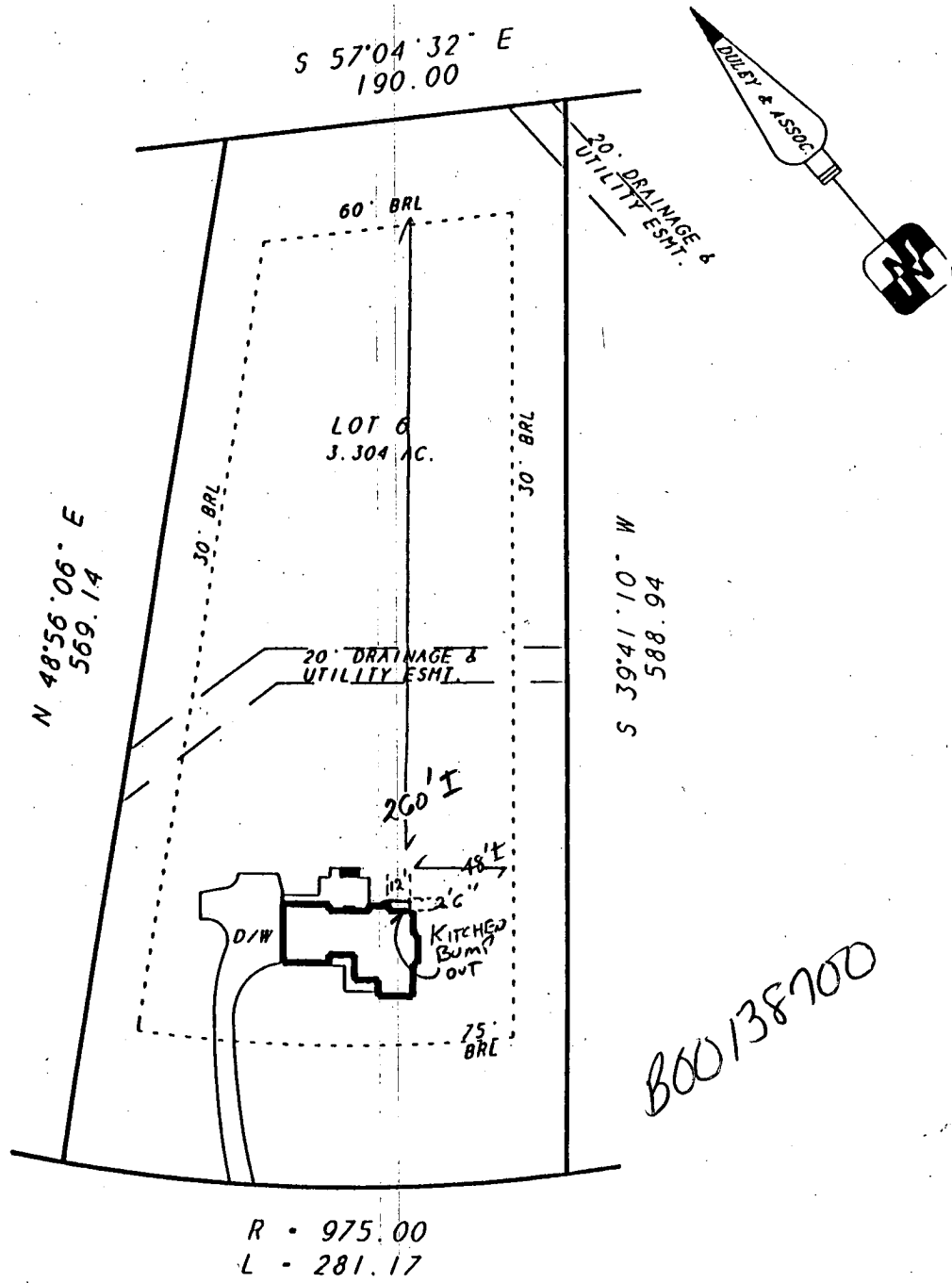
All information given above is true to the best of my knowledge.

Signature of Applicant: Robert L. Feeler R.L.F. Co., Inc.

Date: 4/20/89

Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.





LINDEN CHAPEL ROAD

LOCATION SURVEY OF:  
 #11836 LINDEN CHAPEL ROAD  
 LOT 6  
 PLAT OF CORRECTION SECTION 2 AREA 1  
 CHAPEL WOODS  
 5TH ELECTION DISTRICT  
 PLAT NUMBER 7520  
 HOWARD COUNTY, MD  
 SCALE: 1"=100' DATE: 6-04-2002

A LAND SURVEYING AND DESIGN COMPANY

**DULEY AND ASSOCIATES, INC.**  
 SERVING D.C. MD. VA.

HOUSE LOCATION SURVEYS  
 BOUNDARY SURVEYS - ALTA SURVEYS  
 TOPOGRAPHIC SURVEYS - SITE PLANS

9450 PENNSYLVANIA AVE.  
 UPPER MARLBORO, MD. 20772

PHONE: 301-888-1111 FAX: 301-888-1114  
 PHONE: 1-888-88-DULEY FAX: 1-888-55-DULEY

CASE # 02-07-0214Y  
 GROVES  
 FILE # 023061-018  
 DRAWN BY: WRH



**SURVEYOR'S CERTIFICATE**

I HEREBY STATE THAT THE EXISTING VISIBLE IMPROVEMENTS ON THE ABOVE DESCRIBED PROPERTY HAS BEEN CAREFULLY ESTABLISHED BY ACCEPTED METHODS AND THAT THE IMPROVEMENTS APPEAR TO LIE WITHIN FLOOD ZONE C. A FLOOD CERTIFICATION IS RECOMMENDED TO DETERMINE THE EXACT FLOOD ELEVATION AND FLOOD ZONE. THIS SURVEY IS NOT TO BE USED OR RELIED UPON FOR THE ESTABLISHMENT OF ANY FENCE, BUILDING, OR OTHER IMPROVEMENTS. THIS PLAT DOES NOT PROVIDE FOR THE ACCURATE IDENTIFICATION OF PROPERTY BOUNDARY LINES, NOR SUCH IDENTIFICATION MAY NOT BE REQUIRED FOR THE TRANSFER OF TITLE OR SECURING FINANCING OR REFINANCING. THIS PLAT IS OF BENEFIT TO A CONSUMER ONLY INsofar AS IT IS REQUIRED BY A LENDER OR A TITLE INSURANCE COMPANY OR ITS AGENT IN CONNECTION WITH THE CONTEMPLATED TRANSFER, FINANCING OR REFINANCING. THE LEVEL OF ACCURACY FOR THIS DRAWING IS 1". NO TITLE REPORT WAS FURNISHED TO NOR DONE BY THIS COMPANY. SAID PROPERTY SUBJECT TO ALL NOTES, RESTRICTIONS AND EASEMENTS OF RECORD. BUILDING RESTRICTION LINES AND EASEMENTS MAY NOT BE SHOWN ON THIS SURVEY. IMPROVEMENTS WHICH IN THE SURVEYOR'S OPINION APPEAR TO BE IN A STATE OF DISREPAIR OR MAY BE CONSIDERED "TEMPORARY" MAY NOT BE SHOWN.