05 - 407214

PERMIT

P 42762

A 38566

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH*

DISTRICT 5th

DATE 10/11/88

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

INDEXED

DATE SYSTEM APPROVED 10/21/88

INSPECTOR CWelker

Stately Homes, Inc. IS PERMITTED TO INSTALL X ALTER ____

ADDRESS ____ PHONE 442-2153

SUBDIVISION Twelve Hills ROAD 13037 Twelve Hills Ct LOT 18, Section 2

PROPERTY OWNER Stately Homes, Inc.

ADDRESS ____

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

240' TRENCH REQUIRED
3)720
6
120

GARBAGE GRINDER? YES ____ NO X

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 180 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4.0 feet below original grade. Bottom maximum depth 5.5 feet below original grade. Effective area begins at 4.0 feet below original grade. 1.5 feet of stone below distribution pipe.

LOCATION - Place the first trench 130 feet up the left (685.18') lot line and 75 feet off the same lot line as seen when facing the lot from Twelve Hills Road. Run trench on contour toward front and rear of lot.

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

OK/CR

PLANS APPROVED BY Sid Abel DATE 8/17/88

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 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 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.

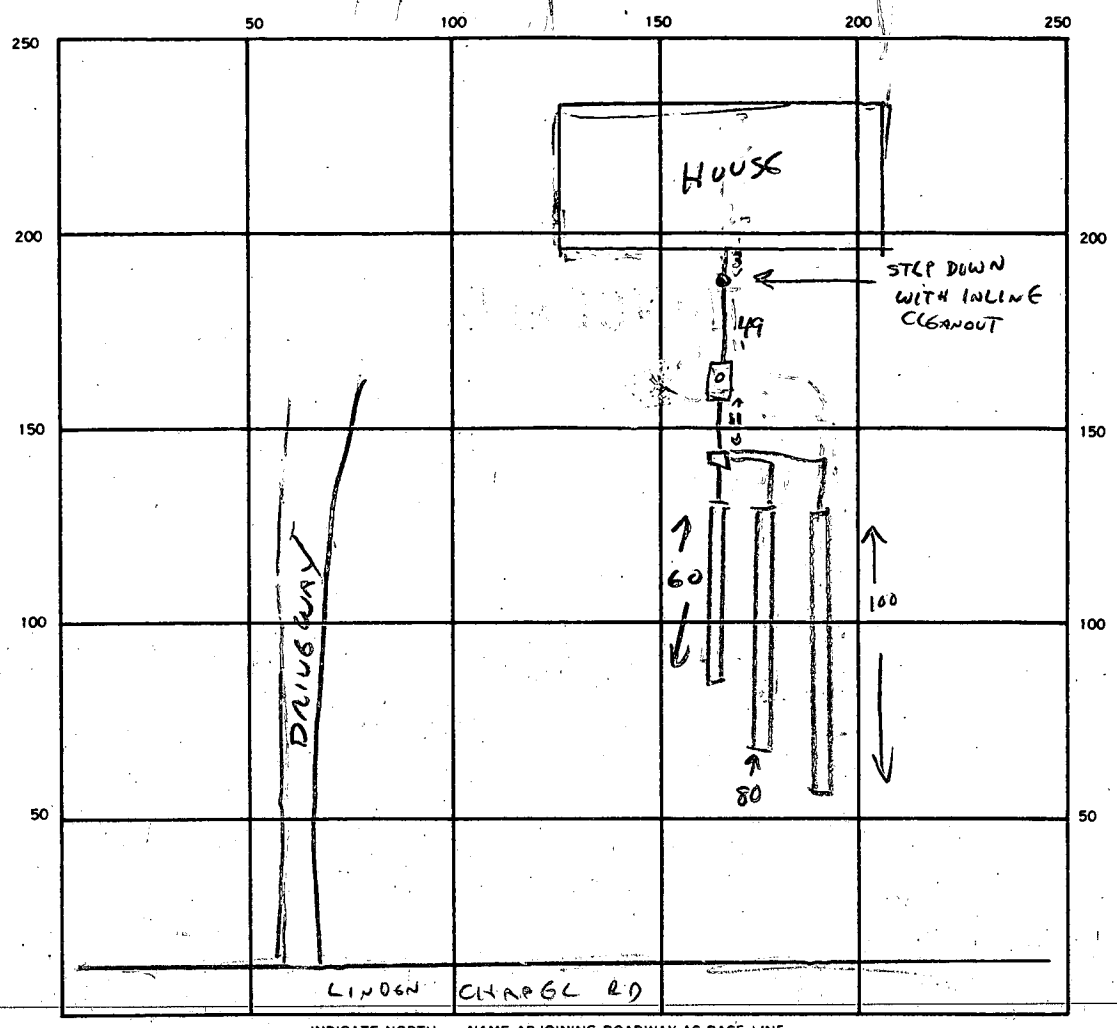
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES.

A 38566

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

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186



INDICATE NORTH. — NAME ADJOINING ROADWAY AS BASE LINE.

SEPTIC TANK, LEVEL ✓ CLEANOUTS ✓ST INLINE✓

DISTRIBUTION BOX, LEVEL ✓

DRAIN FIELD/TILE FIELD, DEPTH 5½ FT. TRENCH WIDTH 3 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 1½ FT. TOTAL LENGTH 240 FT.

NUMBER OF TRENCHES 3 (60+80+100) ~~ONE SIDEWALL~~/BOTTOM AREA 720 SQ. FT.

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

ABSORBENT AREA 720 SQ. FT.

REMARKS 10/21/88 SYSTEM COMPLETE. OK TO COVER. CW.

DATE SYSTEM APPROVED 10/21/88 INSPECTOR CWallace

38588

A ~~38566~~

SUBDIVISION: Twelve Hills Sec. 2

LOT NUMBER: 18

DRY WELL OR DRY WELL AND TRENCH

_____ sq. ft./bedroom

	Septic Tank	Minimum Total Square Feet
3 bedroom	1000 gallon	_____
4 bedroom	1250 gallon	_____
5 bedroom	1500 gallon	_____

Inlet _____ feet below original grade.

Bottom maximum depth _____ feet below original grade.

Effective area begins at _____ feet below original grade.

NOTE: If trench is used to make up absorbent area, run the trench on level ground and leave a 5-foot earth buffer between dry well and trench. No trench is to exceed 100 feet in length. Trench inlet to be same as dry well, with _____ feet of stone below distribution pipe.

TRENCHES

180 sq. ft./bedroom

Trench to be 3 wide.

Inlet 4.0 feet below original grade.

4BL/BP - 4-NO

Bottom maximum depth 5.5 feet below original grade.

Effective area begins at 4.0 feet below original grade.

1.5 feet of stone below distribution pipe.

NOTE:
(1) No trench to exceed 100 feet in length.
(2) If more than one trench used, a distribution box is required.
(3) Trenches to be installed on level ground.
(4) Call for inspection of trench before gravel is installed.
(5) Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank and drywell.
(6) If a garbage disposal is used, increase septic tank capacity by 50% and increase absorbent sidewall area by 22%.

LOCATION: PLACE THE FIRST TRENCH 130 FT UP THE LEFT (685.18) LOT LINE AND 75 FT OFF THE SAME LOT LINE AS SEEN WHEN FACING THE LOT FROM Twelve Hills Rd. RUN TRENCH ON CONTOUR TOWARD FRONT AND REAR OF LOT. SAM 8-17-88

HD-191

APPLICATION

38588

A

PERCOLATION TESTING

P

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

DISTRICT 5

DATE 12/17/86

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 Altogether Limited Partnership

ADDRESS 10176 Baltimore National Pike Suite 210 PHONE 465-5855

PROSPECTIVE BUYER

ADDRESS PHONE

NEW 7 April 87

PROPERTY LOCATION:

SUBDIVISION Altogether LOT NO. ~~11~~ 26

ROAD AND DESCRIPTION Linden Church Rd + Rt 32

TAX MAP 28 PARCEL # 66

SIZE OF LOT 3 acres TYPE BLDG. SFD
(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. Mark S Reed
(SIGNATURE OF APPLICANT)

APPROVED BY Raymond Rodgers FOR Trenches DATE 3/3/88

REJECTED BY FOR DATE

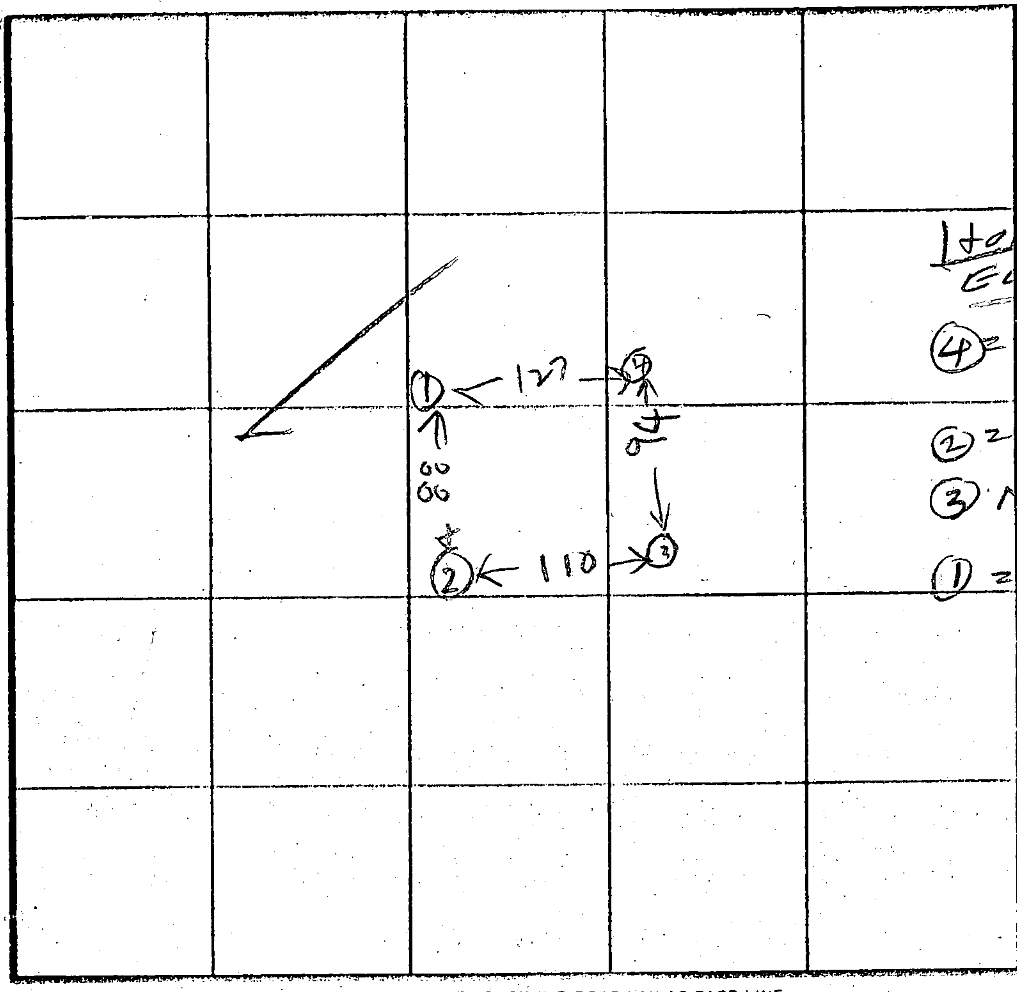
HOLD PENDING FURTHER TESTS DATE

REASONS FOR REJECTION OR HOLDING 3/3/88 Specs Written BH

THIS IS NOT A PERMIT

Lot 26

LINDEN CHURCH RD



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

Hole Elevation

④ = HIGHEST

② = LOWEST

③ NEXT HIGH

① = NEXT LOW

ROUTE 3

SOIL PROFILE ① 2

0'
CLAY
3 — BROWN BLACK GRAY SAND LOAM
11

②
CLAY
4 — BROWN SAND LOAM
12

③
CLAY
3 — PINK BROWN SAND LOAM
12

④
CLAY
4 — PINK BROWN SAND LOAM
12

DATE	TEST NO.	DEPTH	PRE-WET START	PRE-WET STOP	TEST - 1" DROP START	TEST - 1" DROP STOP	TIME
2/11/87	1S 1V	5 11	329 OK	337	32—	336	4 19
2/11/87	2S 2V	4 12	331 OK	334	334	337	3 1
	3S 3V	4 12	334 OK	336	336	340	7a
	4S 4R	5 2.5	343 343	344 347	344 347	345 355	1 8
2/17/87	4V	12.5	OK				

av Time 5 min

max depth 3 ft

REMARKS Holes dug per engineer Plat [illegible]

TYPE OF SOIL

TESTED BY R HODGES ALSO PRESENT DAVE CLINT OLEN

EH-12 1079

LAND DESIGN & DEVELOPMENT, INC.

8307 Main Street • Ellicott City, MD 21043 • 301-461-4600

Donald R. Reuwer, Jr.
PRESIDENT

July 20, 1988

Mr. Ralph Mayne
9120 Brown Church Road
Mt. Airy, Maryland 21171

RE: Twelve Hills, Lot 18

Dear Ralph:

Please make application to drill a well on Lot 18 of Twelve Hills by the first week of August. The well stake is already in.

Enclosed is a check in the amount of $30.00 and a plat of the above referenced subdivision.

If you have any questions, do not hesitate to contact me.

Sincerely,

Mark S. Reich
Project Manager

MSR/bc

EMERGENCY/TEMP NO. IF ANY

B 1 | 7104 | SEQUENCE NO. (DP 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

STATE PERMIT NUMBER: HO-88-0114

fill in this form completely

Date Received (APA): 080488

OWNER INFORMATION

Last Name / Owner / First Name: REICH MARK

Street or RFD: 8300 MAIN STREET

Town / State / Zip: ELLICOTT CITY MD 21043

DRILLER INFORMATION

Driller's Name: Ralph Mayne — License No.: 233

Firm Name: Ralph Mayne (Well Drilling)

Address: 9120 Brown Church Rd. Mt Airy

Signature: Ralph Mayne — Date: 7/30/88

B 2 WELL INFORMATION

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

AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500

B 3 LOCATION OF WELL

COUNTY: HOWARD

SUBDIVISION: TWELVE HILLS

SECTION: 2 LOT: 18

NEAREST TOWN: DAYTON

MILES FROM TOWN (enter 0 if in town): 2 MI

B 4

DIRECTION OF WELL FROM TOWN (CIRCLE BOX): N, NE, E, SE (circled), S, SW, W, NW — TOWN

NEAR WHAT ROAD: Twelve Hills Rd.

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH, W (circled) WEST, 32, EAST, SOUTH

DISTANCE FROM ROAD: 300

ENTER FT or MI: Ft.

USE FOR WATER (CIRCLE APPROPRIATE BOX)

- (D) HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) — circled
- 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

COUNTY NAME: Howard — COUNTY NO.: A-38566

STATE SIGNATURE ______ INSERT S

DATE ISSUED: 081188 — CO SIGNATURE: [signature] — EXP. DATE: 02-10-89

NORTH GRID: 509000 — EAST GRID: 6809000

APPROXIMATE DEPTH OF WELL: 150 FEET

APPROXIMATE DIAMETER OF WELL: 6" NEAREST INCH

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X →

8/13/88
no insp

SOURCES OF DRILLING WATER
1. well
2.
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

E 8049

N 5049

000
000

METHOD OF DRILLING (circle one)

BORED (or Augered) | JETTED | Jetted & DRIVEN

AIR-ROTary (circled) | AIR-PERcussion | ROTARY (Hydraulic Rotary)

CABLE | REVerse-ROTary | DRive-POINT

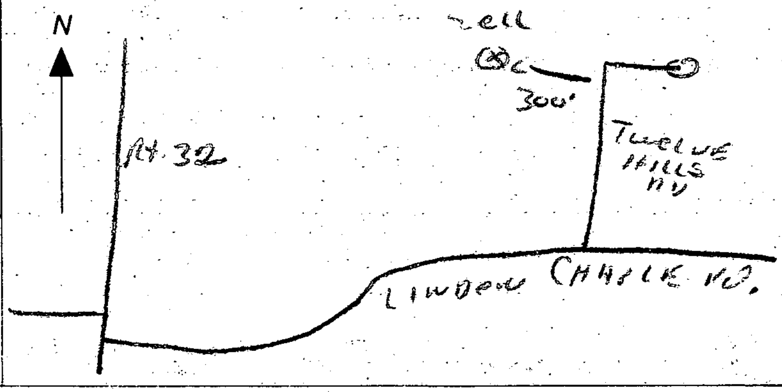
other ______

REPLACEMENT OR DEEPENED WELLS (CIRCLE APPROPRIATE BOX)

- (N) THIS WELL WILL NOT REPLACE AN EXISTING WELL — circled
- 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 DEEPENED (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)

APPROP. PERMIT NUMBER: GAP

FORCE: SA — WRITE INITIALS IN BOX — PERMIT No.: HO-88-0114

SPECIAL CONDITIONS

COUNTY

Page ___ of ___
Date 8/13/88

Review OK 8/25/88 CW

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88- 0114
Location of property (road) OFF Twelve Hills Rd.
Subdivision Twelve Hills Lot 18 Block ___ Plat ___ Sec. 2
Well Driller Ralph Mayne Owner Mark Reich

Depth of well 325 ft
Distance of measuring point (M.P.) above ground 2 ft
Static water level (S.W.L.) below M.P. 30 ft

I. High rate pumping -- reservoir drawdown

Time pump started 5:15 Pumping rate 96 G.P.M
Total time 45 min to reach pumping water level 190 ft. below M.P.

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

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 6 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
6:00	190ft	30sec		26 G.P.M
6:15	190	30		2
6:30	190	30		2
6:45	190 ft	30 sec		26 G.P.M
7:00	190	30		2
7:15	190	30		2
7:30	190 ft	30 sec		26 G.P.M
7:45	190	30		2
8:00	190	30		2
8:15	190 ft	30 sec		26 G.P.M
8:30	190	30		2
8:45	190	30		2
9:00	190 ft	30 sec		26 G.P.M
9:15	190	30		2
9:30	190	30		2
9:45	190 ft	30 sec		26 G.P.M
10:00	190	30		2
10:15	190	30		2
10:30	190 ft	30 sec		26 G.P.M
10:45	190	30		2
11:00	190	30		2
11:15	190 ft	30		26 G.P.M
11:30	190	30		2
11:45	190	30		2
12:00	190 ft	30 sec		26 G.P.M

82 gal 55 gpm 15 sec

HD-224

C1 8413 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 A - 38566

DATE Received

DATE WELL COMPLETED 9 8 1 3 8 8

Depth of Well 3 2 5 (TO NEAREST FOOT)

PERMIT NO. FROM "PERMIT TO DRILL WELL" A 9 - 8 8 - C 1 1 4

OWNER Reich Mark

STREET OR RFD 8307 Main St. TOWN Ellicott City

SUBDIVISION Twelve Hills SECTION 2 LOT 18

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 FROM	FEET TO	Check if water bearing
Top Soil	0	2	
Sandy	2	70	✓
Sand Stone	70	75	
MICICA	75	90	
Sand Stone	90	95	✓
MICICA	95	325	

GROUTING RECORD
WELL HAS BEEN GROUTED (Circle Appropriate Box) yes (Y) no (N)

TYPE OF GROUTING MATERIAL

CEMENT (CM) BENTONITE CLAY (BC)

NO. OF BAGS 15 NO. OF POUNDS 1500

GALLONS OF WATER 90

DEPTH OF GROUT SEAL (to nearest foot)

from 0 ft. to 45 ft.

(enter 0 if from surface)

CASING RECORD
casing types insert appropriate code below

STEEL (ST) CONCRETE (CO) PLASTIC (PL) OTHER (OT)

MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	6	89

OTHER CASING (if used)

EACH CASING	diameter inch	depth (feet) from	to

SCREEN RECORD
screen type or open hole insert appropriate code below

STEEL (ST) BRASS BRONZE (BR) OPEN HOLE (HO) PLASTIC (PL) OTHER (OT)

EACH SCREEN		DEPTH (nearest ft.)	
1	HO	90	325
2			
3			

SLOT SIZE 1 ____ 2 ____ 3 ____

DIAMETER OF SCREEN ____ (NEAREST INCH)

GRAVEL PACK from ____ to ____

IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

PUMPING TEST
HOURS PUMPED (nearest hour) 6

PUMPING RATE (gal. per min. to nearest gal.) 2

METHOD USED TO MEASURE PUMPING RATE Bucket

WATER LEVEL (distance from land surface)

BEFORE PUMPING 30

WHEN PUMPING 190

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 (CIRCLE) (YES or NO) 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)

PUMP HORSE POWER

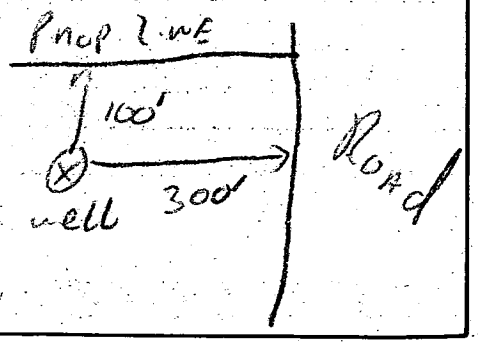
PUMP COLUMN LENGTH (nearest ft.)

CASING HEIGHT (circle appropriate box and enter casing height)

(+) above LAND SURFACE

(−) below 2 (nearest foot)

LOCATION OF WELL ON LOT
SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)



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. 273

Mark Wagner
DRILLERS SIGNATURE (MUST MATCH SIGNATURE ON APPLICATION)

SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)

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

T (E.R.O.S.) WQ

TELESCOPE CASING LOG INDICATOR OTHER DATA

COUNTY

Page ____ of ____ 8/13/88 Review ____

Date ____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0114

Location of property (road) Twelve Hills Rd.

Subdivision Twelve Hills Lot 18 Block ____ Plat ____ Sec. 2

Well Driller R. MAYNE Owner MARIE Reich

Depth of well ____

Distance of measuring point (M.P.) above ground ____

Static water level (S.W.L.) below M.P. ____

I. High rate pumping -- reservoir drawdown

Time pump started ____ Pumping rate ____

Total time ____ to reach pumping water level ____ ft. below M.P.

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

TIME (in 15 minute intervals	WATER LEVEL below M.P.	PUMPING RATE time to fill 5 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
		NO INSP		

HD-224

10/21/88

BP 2123

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 X
Replacement ____

4/A Pride Plumbing Heating Inc

Receipt # ____
Date ____

Name of Installer Carroll Bauerlein

Telephone ____

License Number 3486
Certified Well Pump Installer ____ Well Driller ____ Registered Plumber X

Name of Property Owner Stalley Home
Telephone 442 2153
Subdivision Twelve Hill Lot # 18 Well Tag # HO-88-0114
Site Address 13037 Twelve Hill Rd

Pump
1. Type
   a. Deep well jet ____
   b. Shallow well jet ____
   c. Submersible X
2. Make Meyers
3. Model # ____
4. Capacity ____ GPM
5. Pump exceeds well capacity Yes X No ~~X~~
6. If Yes, is low pressure cutoff switch installed? Yes X No ____
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors ____ Cable guards X Other ____

Motor
1. Horsepower 3/4
2. RPM ____
3. Voltage ____
   a. 110 ____
   b. 220 X

Pitless Adapter
1. Make ____
2. Model # ____
3. Depth ____

Tank
1. Capacity WX 302
2. Pressure relief valve? Yes

Piping
1. Type Photo 160 lb
2. Size 1"
3. NSF and/or BOCA Code approved ____
4. Depth of supply line ____

Well data
1. Depth 325 ft.
2. Yield 2 GPM
3. Static water level 30 ft.
4. Will water supply be disinfected by installer? Yes

PITLESS ADAPTER 3½' BELOW GRADE
LINE PARTIALLY IN PLACE.
OK TO FINISH AND COVER 10/21/88 CWilliam

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: Carroll Bauerlein

Date: 10-17-88

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

HD-215

COORDINATE TABLE		
NO.	NORTH	EAST
1	510555.32	809277.93
2	510233.81	810000.03
3	510148.74	809962.16
4	510115.73	809974.83
5	509999.81	810235.19
6	510383.50	810406.02
7	510245.55	810764.66
8	510067.72	811083.41
9	510370.06	811252.08
10	510234.16	811405.56
11	509301.91	811172.39
12	509279.70	810694.11
13	509450.72	810459.91
14	509398.09	810374.88
15	509179.30	810351.80
16	509262.49	810126.68
17	509028.21	809894.84
18	508605.56	809850.24
19	508680.38	809075.01
20	509207.24	809075.20

APPROVED FOR PRIVATE WATER AND PRIVATE SEWERAGE SYSTEMS HOWARD COUNTY HEALTH DEPARTMENT

COUNTY HEALTH OFFICER — DATE

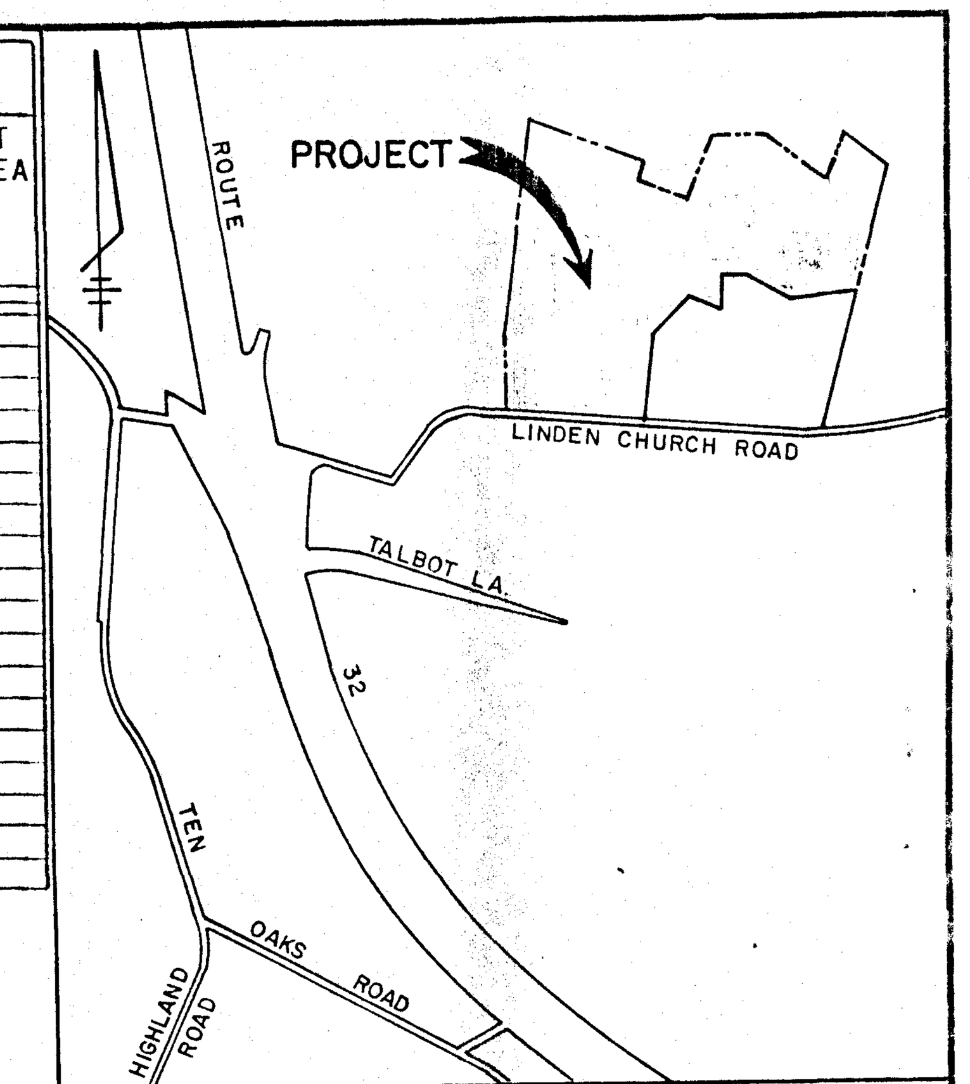
LEGEND

- DENOTES LOCATION OF DWELLING
- DENOTES PROPOSED WELL
- DENOTES FIELD LOCATION OF PERC HOLES

CONVERSION CHART	
NEW LOT NO.	OLD LOT NO.
1	32
2	31
3	30
4	29
5	28
6	27
7	26
8	17
9	16
10	15
11	14
12	13
13	12
14	11
15	10
16	9
17	8
18	7

PERCOLATION TEST DATA

LOT NO.	PREVIOUS LOT NO.	AVERAGE PERC. TIME IN MINUTES PER SECOND INCH	MAX. DEPTH PERMITTED FOR EFFLUENT PIPE TO ENTER SEWAGE DISPOSAL AREA AT ITS HIGHEST ELEVATION WITH REFERENCE TO EXISTING GRADE AT TIME OF PERCOLATION TEST
1	32	3 MIN.	3 FEET
2	31	14 MIN.	3 FEET
3	30	16 MIN.	3 FEET
4	29	7 MIN.	4 FEET
5	28	6 MIN.	3 FEET
6	27	5 MIN.	4 FEET
7	26	5 MIN.	3 FEET
8	17	4 MIN.	3 FEET
9	16	5 MIN.	3 FEET
10	15	6 MIN.	4 FEET
11	14	7 MIN.	4 FEET
12	13	11 MIN.	4 FEET
13	12	2 MIN.	3 FEET
14	11	4 MIN.	3 FEET
15	10	4 MIN.	3 FEET
16	9	9 MIN.	4 FEET
17	8	8 MIN.	3.5 FEET
18	7	8 MIN.	4 FEET



VICINITY MAP

SCALE: 1" = 1200'

NOTES:

1. THIS AREA DESIGNATES A PRIVATE SEWAGE EASEMENT OF 10,000 SQUARE FEET AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE FOR INDIVIDUAL SEWAGE DISPOSAL. IMPROVEMENTS OF ANY NATURE IN THIS AREA ARE RESTRICTED UNTIL PUBLIC SEWAGE IS AVAILABLE. THESE EASEMENTS SHALL BECOME NULL AND VOID UPON CONNECTION TO A PUBLIC SEWAGE SYSTEM. THE COUNTY HEALTH OFFICER SHALL HAVE THE AUTHORITY TO GRANT VARIANCES FOR ENCROACHMENTS INTO THE PRIVATE SEWAGE EASEMENT. RECORDATION OF A MODIFIED SEWAGE EASEMENT SHALL NOT BE NECESSARY.
2. THE LOTS SHOWN HEREON COMPLY WITH THE MINIMUM OWNERSHIP WIDTH AND LOT AREA AS REQUIRED BY THE MARYLAND STATE DEPARTMENT OF HEALTH AND MENTAL HYGIENE.
3. SUBJECT PROPERTY ZONED "R" PER 8/2/85 COMPREHENSIVE ZONING PLAN
4. TOTAL AREA OF LOTS - 57.80 AC.±
5. TOTAL AREA OF ROAD R/W - 3.21 AC.±
6. TOTAL AREA OF PROPERTY - 61.01 AC.±
7. TOTAL NUMBER OF BUILDABLE LOTS - 18
8. FOR FLAG OR PIPE STEM LOTS, REFUSE COLLECTION, SNOW REMOVAL AND ROAD MAINTENANCE TO BE PROVIDED AT THE JUNCTION OF FLAG OR PIPE STEM AND THE ROAD R/W AND NOT ONTO THE FLAG OR PIPE STEM DRIVEWAY.
9. DEED REFERENCE: 1576/705
10. 437.2 - DENOTES APPROXIMATE ELEVATION OF 100 YEAR FLOOD PLAIN.

OWNER & DEVELOPER

ALTOGETHER LIMITED PARTNERSHIP
C/O HOWARD COUNTY LAND SERVICES INC
8307 MAIN ST.
ELLICOTT CITY, MARYLAND 21043

12 Hills II

PRELIMINARY PLAN

~~ALTOGETHER~~

SECTION 2

LOTS 1 - 18

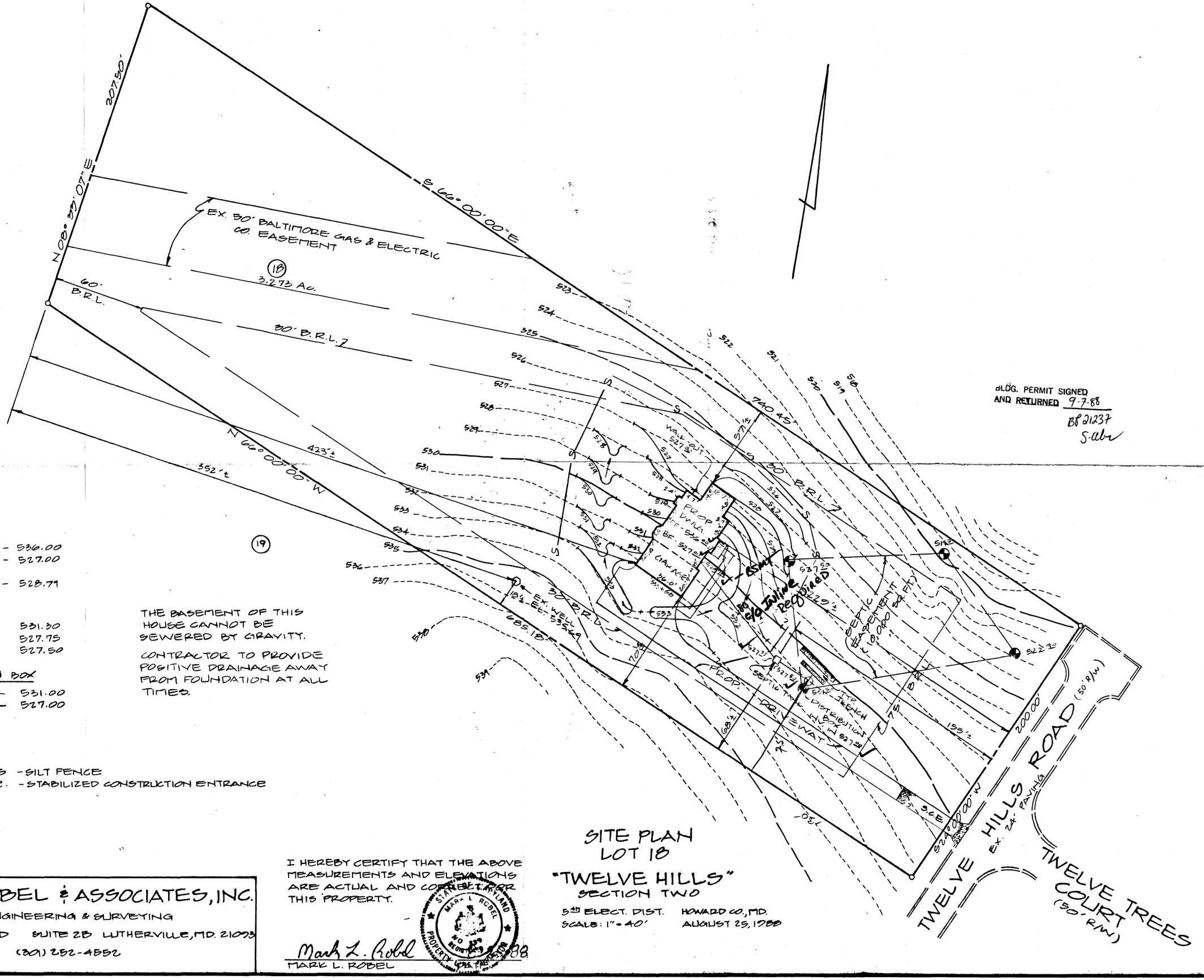
FIFTH ELECTION DISTRICT — HOWARD COUNTY MARYLAND

TAX MAP 28 — P/O TAX MAP PARCEL 66

SCALE: 1" = 100' — APRIL 10, 1987

S 87-43 — SHEET 1 OF 1 — P87-65

FISHER, COLLINS & CARTER, INC.
CIVIL ENGINEERS & LAND SURVEYORS
8388 COURT AVENUE
ELLICOTT CITY, MARYLAND 2104[illegible]



BLDG. PERMIT SIGNED AND RETURNED 9-7-88

BP 21237

S.abr

1ST FLOOR EL. - 536.00
BSMT. EL. - 527.00
INV. EL. OUT OF HOUSE - 528.79

SEPTIC TANK

EXIST. EL. - 531.30
INVERT IN - 527.75
INVERT OUT - 527.50

DISTRIBUTION BOX

EXIST. EL. - 531.00
INVERT IN - 527.00

THE BASEMENT OF THIS HOUSE CANNOT BE SEWERED BY GRAVITY.

CONTRACTOR TO PROVIDE POSITIVE DRAINAGE AWAY FROM FOUNDATION AT ALL TIMES.

S——S - SILT FENCE
S.C.E. - STABILIZED CONSTRUCTION ENTRANCE

SITE PLAN
LOT 18
"TWELVE HILLS"
SECTION TWO

5TH ELECT. DIST. HOWARD CO., MD.
SCALE: 1" = 40' AUGUST 25, 1988

I HEREBY CERTIFY THAT THE ABOVE MEASUREMENTS AND ELEVATIONS ARE ACTUAL AND CORRECT FOR THIS PROPERTY.

Mark L. Robel
MARK L. ROBEL

STATE OF MARYLAND — MARK L. ROBEL — NO. 10788 — REGISTERED PROPERTY LINE SURVEYOR

VITTI, ROBEL & ASSOCIATES, INC.
ENGINEERING & SURVEYING
1717 YORK ROAD SUITE 2B LUTHERVILLE, MD. 21093
(301) 252-4552