

05-410894

12/21/89 AM 1:00
12-22-89 AM 2:00 PM

PERMIT

P 45229

SEWAGE DISPOSAL SYSTEM

A 38591

MARYLAND STATE DEPARTMENT OF HEALTH DISTRICT 5th

HOWARD COUNTY
BUREAU OF ENVIRONMENTAL HEALTH
461-9933

DATE 11/16/89

DATE SYSTEM APPROVED 12/22/89

INSPECTOR M. Rifkin

INDEXED

Paul Schissler, South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ☒ ALTER ☐
ADDRESS 4410 Salem Bottom Road, Westminster, Md. 21157 PHONE (301) 875-4197
SUBDIVISION Twelve Hills ROAD 13049 Twelve Hills Road or 49
PROPERTY OWNER Altogether LTD. Part.
ADDRESS

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

GARBAGE GRINDER? YES ☒ NO ☐

SEPTIC TANK CAPACITY 2000 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 256 sq.ft. per bedroom with disposal. Trench to be 2 feet wide. Inlet 3 1/2 feet below original grade. Bottom maximum depth 7 1/2 feet below original grade. Effective area begins at 3 1/2 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Beginning at the left rear lot corner as seen when facing the lot from Twelve Hills Road, place the distribution box 350 feet down the left (548.14') lot line and 15 feet off the same line. Run trenches on contour toward the rear (315.44') lot line. Maintain a minimum of 100 feet from the well.

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

PLANS APPROVED BY Craig Williams DATE 11/14/89

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

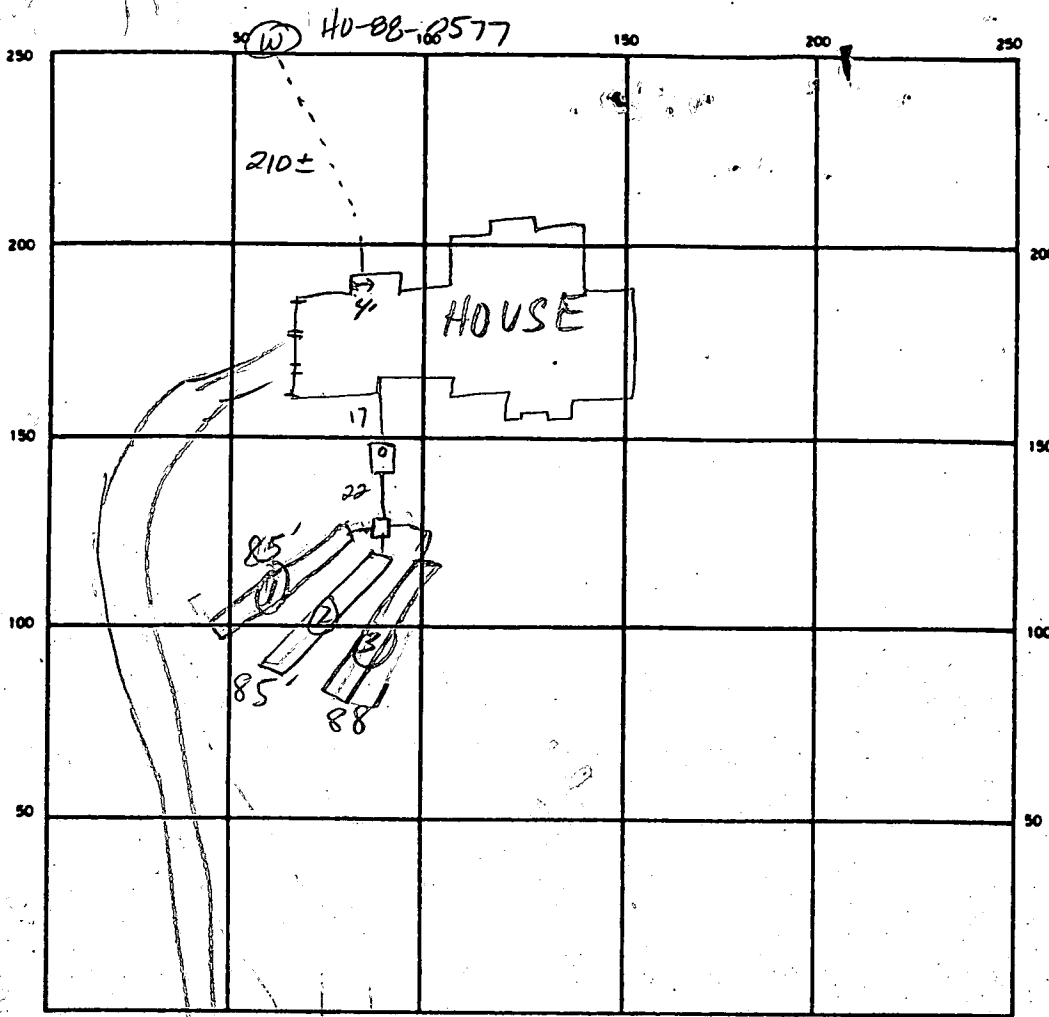
NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

Add-on Deck
BLDG. PERMIT 3-26-96
Serial # 63942

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

38591



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Twelve Hills Road

SEPTIC TANK. LEVEL 2000 gal - OK CLEANOUTS S.T. OK

DISTRIBUTION BOX. LEVEL OK - BAFFLE IN

DRAIN FIELD/TILE FIELD. DEPTH 8 7.5 7.5 FT. TRENCH WIDTH 2 FT. INLET DEPTH 3.5 3.5 3.5 FT.

EFFECTIVE GRAVEL DEPTH 4.5 4 4 FT. TOTAL LENGTH 162 85 88 FT. 258

NUMBER OF TRENCHES 3 ONE SIDEWALL 1032 SQ. FT.

DRYWELL INSIDE DIAMETER FT. EFFECTIVE DEPTH BELOW INLET FT.

ABSORBENT AREA SQ. FT.

REMARKS 12-21-89 OK to fill trenches 1 & 2 with gravel, pipe and
paper. Leave both ends open to inlet on each trench. OK
to stone trench #2 leaving tail end open to bottom.
OK to cover from house to septic tank. JEN.
12/22/89 ALL WORK OK TO COVER MR

DATE SYSTEM APPROVED 12/22/89 INSPECTOR M. R. F. K. in

SEPTIC TANK INFO:

1500 GAL CAP.
 SHC INV. 507.3
 TANK IN 506.8
 TANK OUT 506.5
 DIST. BOX INV. 506.0
 TRENCH INV. - 4' BELOW GRADE

TRENCHES

5 BRS x 180 SQ. FT. = 900
 @ 2.0 FT. WIDE = 450 LIN. FT. PROVIDED

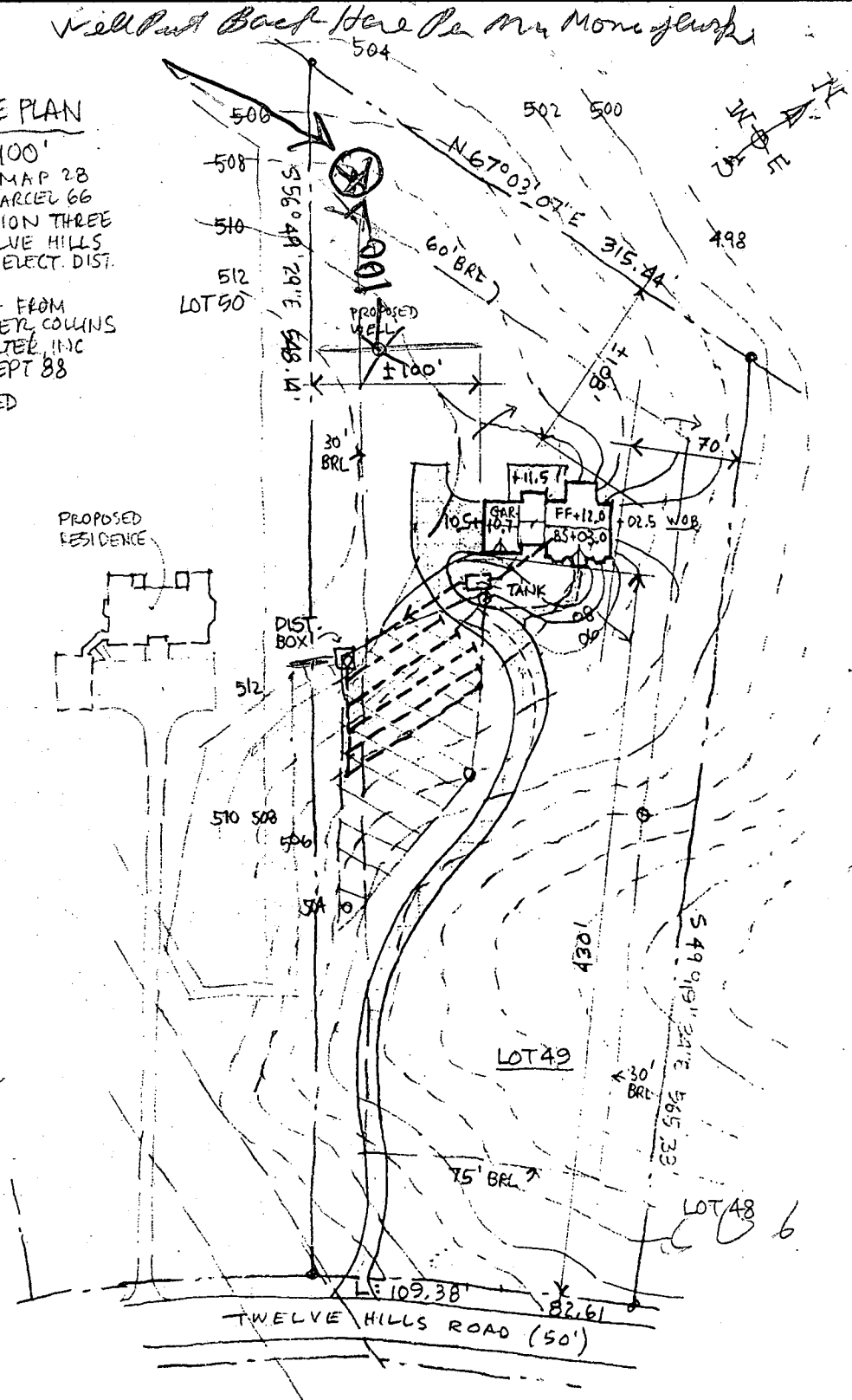
BASEMENT EJECTOR
 PUMP MAY BE REQ'D.

SITE PLAN

1"=100'
 TAX MAP 28
 P/O PARCEL 66
 SECTION THREE
 TWELVE HILLS
 5TH ELECT. DIST.

DATA FROM
 FISHER COLLINS
 & CARTER, INC
 21 SEPT 88

PROPOSED
 RESIDENCE

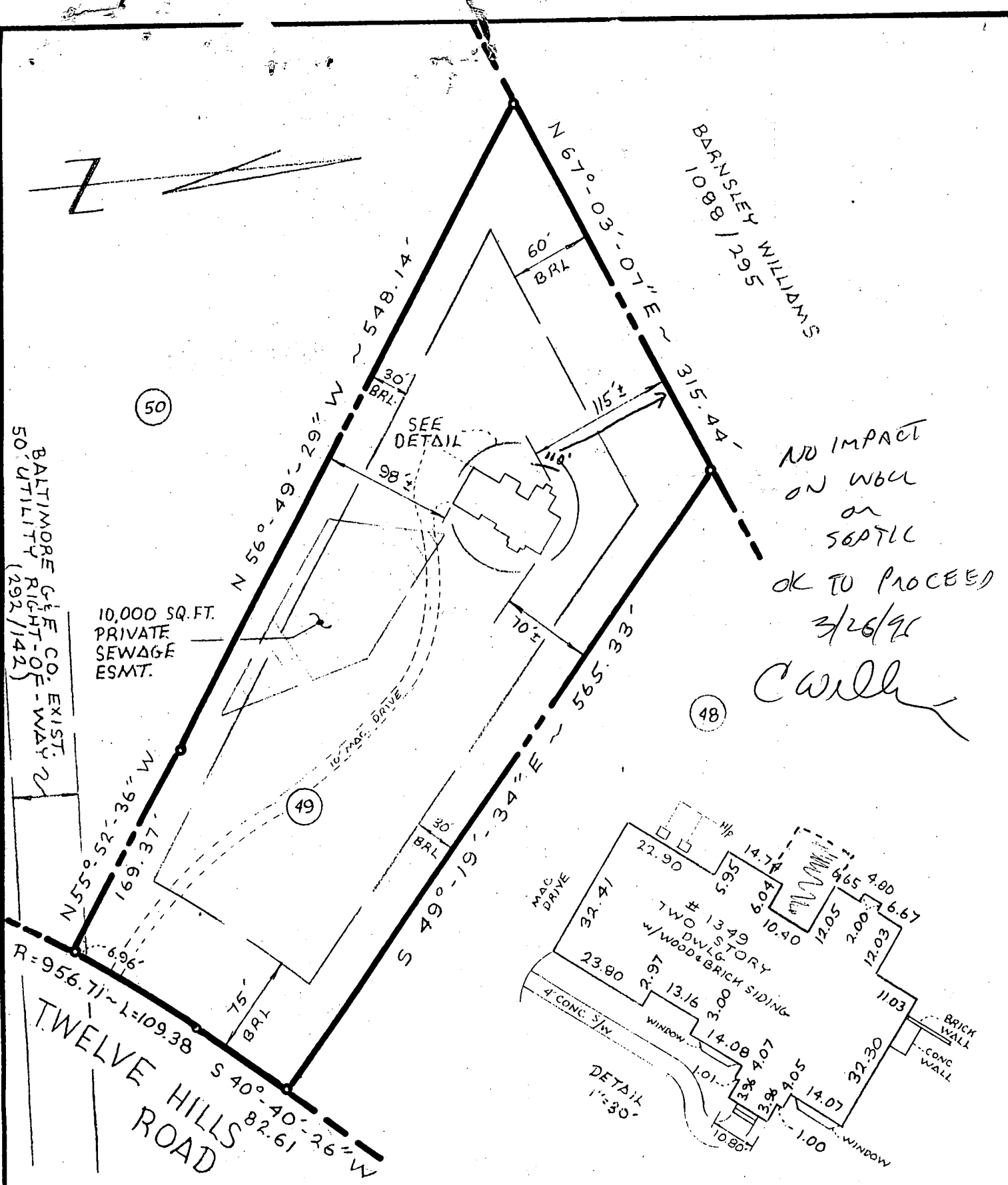


8/8/89
 PLANS 014
 B. J. Dodge

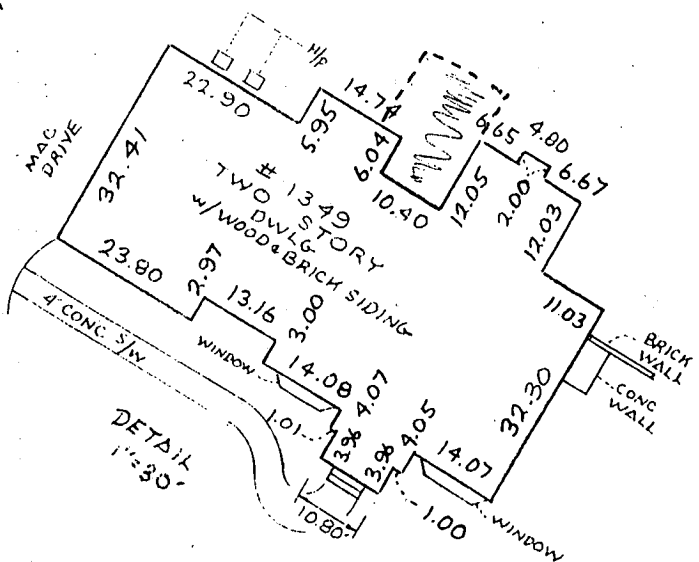
2580 Covettell Dr
 442 2153
 W. Franklyn
 21794

TONY MONCZEWSKI RESIDENCE
 SITE PLAN

KAPLAN SUTTON & ASSOC / ARCHTS
 16 JUNE 89



NO IMPACT
ON WBL
OR
SEPTIC
OK TO PROCEED
3/26/90
Cull



TOP OF FINISHED CONC. FND. = 511.38

~ LOT #49 ~
SECTION THREE
TWELVE HILLS
PLAT #8549
5TH ELECTION DIST.
HOWARD CO., MD.

Note: The information on this plat shows only that the improvements indicated hereon are contained within the outlines of the lot upon which they were erected, unless otherwise noted, and is not to be used to establish property lines or corners.



Location Survey of #1349 TWELVE HILLS ROAD

Vitti, Robel and Associates, Inc.

ENGINEERING & SURVEYING
1717 York Road Suite 2B Lutherville, MD 21093
252-4552

job no. 89107
scale 1" = 100'
date 6-26-90
drawn MLR
checked

SUBDIVISION:

Twelve Hills, Sec- 3

LOT NUMBER:

49

A 38591

Twelve Hills Rd DRY WELL OR DRY WELL AND TRENCH

sq. ft./bedroom

3 bedroom

Septic Tank
1000 gallon

Minimum Total Square Feet

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.

TRENCHESTrench to be 2.0 ft wide.Inlet 3.5 feet below original grade.Bottom maximum depth 7.5 feet below original grade.Effective area begins at 3.5 feet below original grade.4.0 feet of stone below distribution pipe.210 sq. ft./bedroom256 WITH DISP.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:

Beginning at the left rear lot corner as seen when facing the lot from Twelve Hills Rd, place the distribution box 350 ft down the left (548.14') lot line and 15 ft off the same line. Run trenches on contour toward the rear (315.44') lot line. Maintain a minimum of 100 ft from the well. 5-1-89 JEN

APPLICATION

PERCOLATION TESTING

A 38591

P _____

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

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 49 Final

PROPERTY LOCATION: LOT 23 Preliminary

SUBDIVISION Altogether Twelve Hills Sec. 3 LOT NO. 24

ROAD AND DESCRIPTION Linden Church Rd + Rt 32 13049 Twelve Hills Road

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. Mal S. Reind
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

BLDG. PERMIT SIGNED
AND RETURNED 8/1/89

Serial # 27457
SFD - 5 Bedroom

FOR DEPOSIT ONLY

HOWARD COUNTY HEALTH DEPARTMENT
10-103616-02

THIS IS NOT A PERMIT

Lot 24

SOIL PROFILE

0'

X PERC
 7 MIN
 170 #1 BR
 INLET 3.5'
 BOTTOM 7.5'

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	

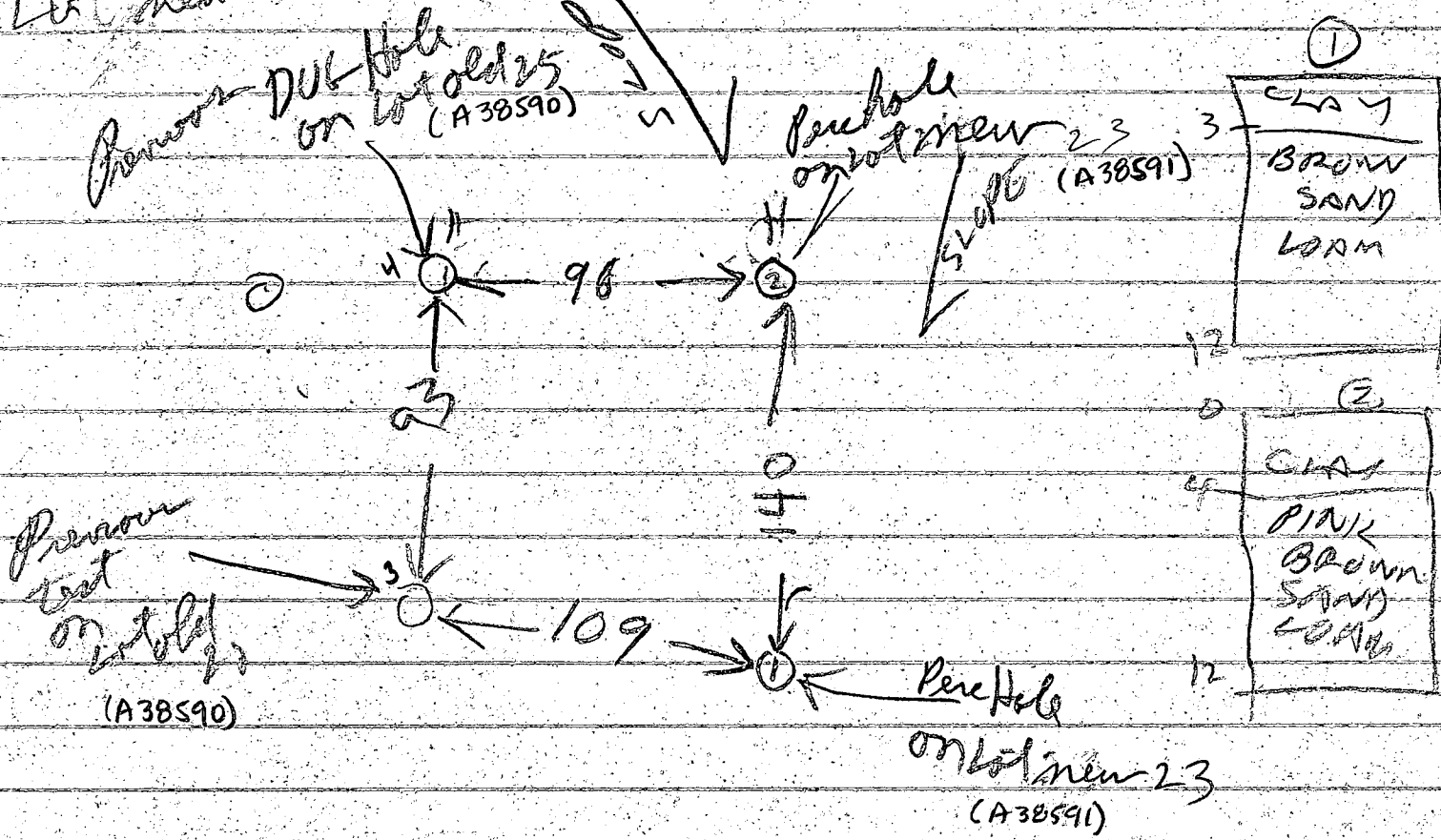
REMARKS _____

TYPE OF SOIL _____

TESTED BY _____ ALSO PRESENT _____

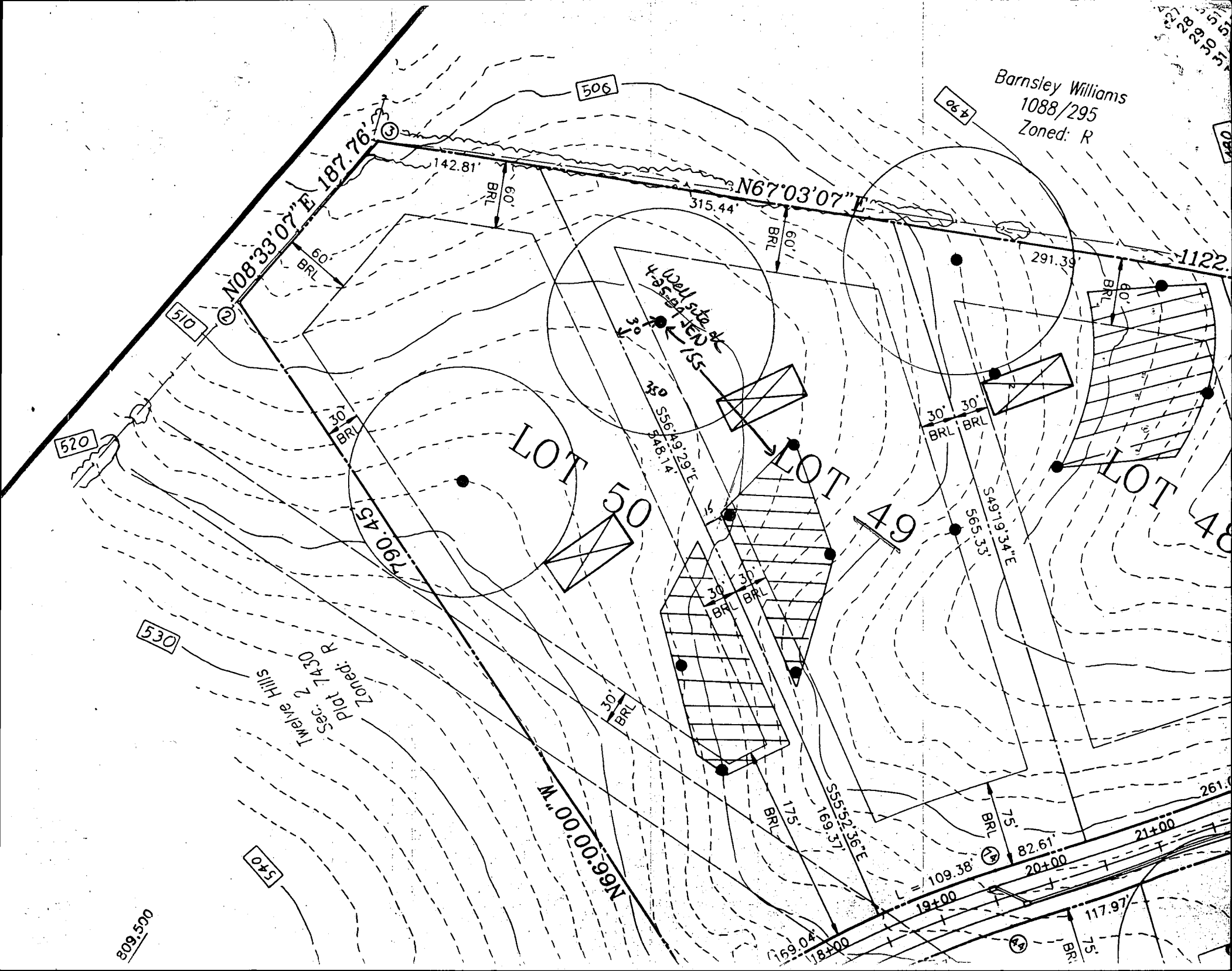
AL TO GETHARD
 SUP
 List new 23

Lot lines to be changed
 New Plat to be turned in



2	18/87	15	5	359	402	402	407	5
2	18/87	1V	12	OK				
		25	6	408	410	410	418	8
		2V	12	OK				

Perc holes ① & ② OK but must look at test plat to be turned later This month R/H



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 _____

Receipt # 45195
Date 11/07/89

Name of Installer Pride Plumbing-Heating Inc

Telephone 875-2206

License Number 3486

Certified Well Pump Installer _____

Well Driller _____

Registered Plumber X

Name of Property Owner Altogether Partnership

Telephone 440 9936

Subdivision Twelve Hills

Lot # 49

Well Tag # HD-88-0577

Site Address 13049 Twelve Hills Rd

Pump

1. Type

- a. Deep well jet _____
b. Shallow well jet _____
c. Submersible X

2. Make Meyers

3. Model # _____

4. Capacity 8 GPM

5. Pump exceeds well capacity Yes X No _____

6. If Yes, is low pressure cutoff switch installed? Yes _____ No X

7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors _____ Cable guards X Other _____

Motor

1. Horsepower 1/2

2. RPM _____

3. Voltage _____

a. 110 _____

b. 220 X

Pitless Adapter

1. Make _____

2. Model # _____

3. Depth _____

Tank

1. Capacity 203

2. Pressure relief

valve? yes

Piping

1. Type _____

2. Size _____

3. NSF and/or BOCA

Code approved _____

4. Depth of supply

line 210

Well data

1. Depth 227 ft.

2. Yield 7 GPM

3. Static water

level 45 ft.

4. Will water supply

be disinfected by

installer? yes

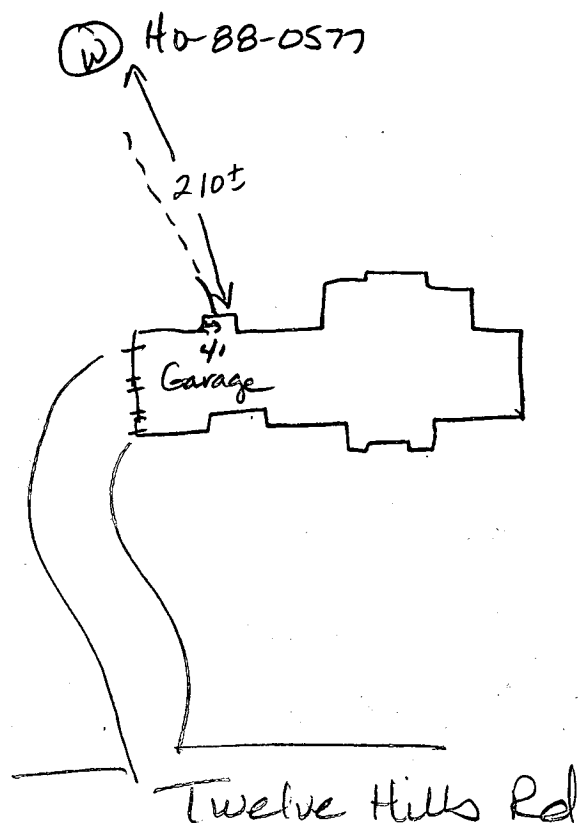
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant: Carole J. Bowerman

Date: Nov 13, 1989

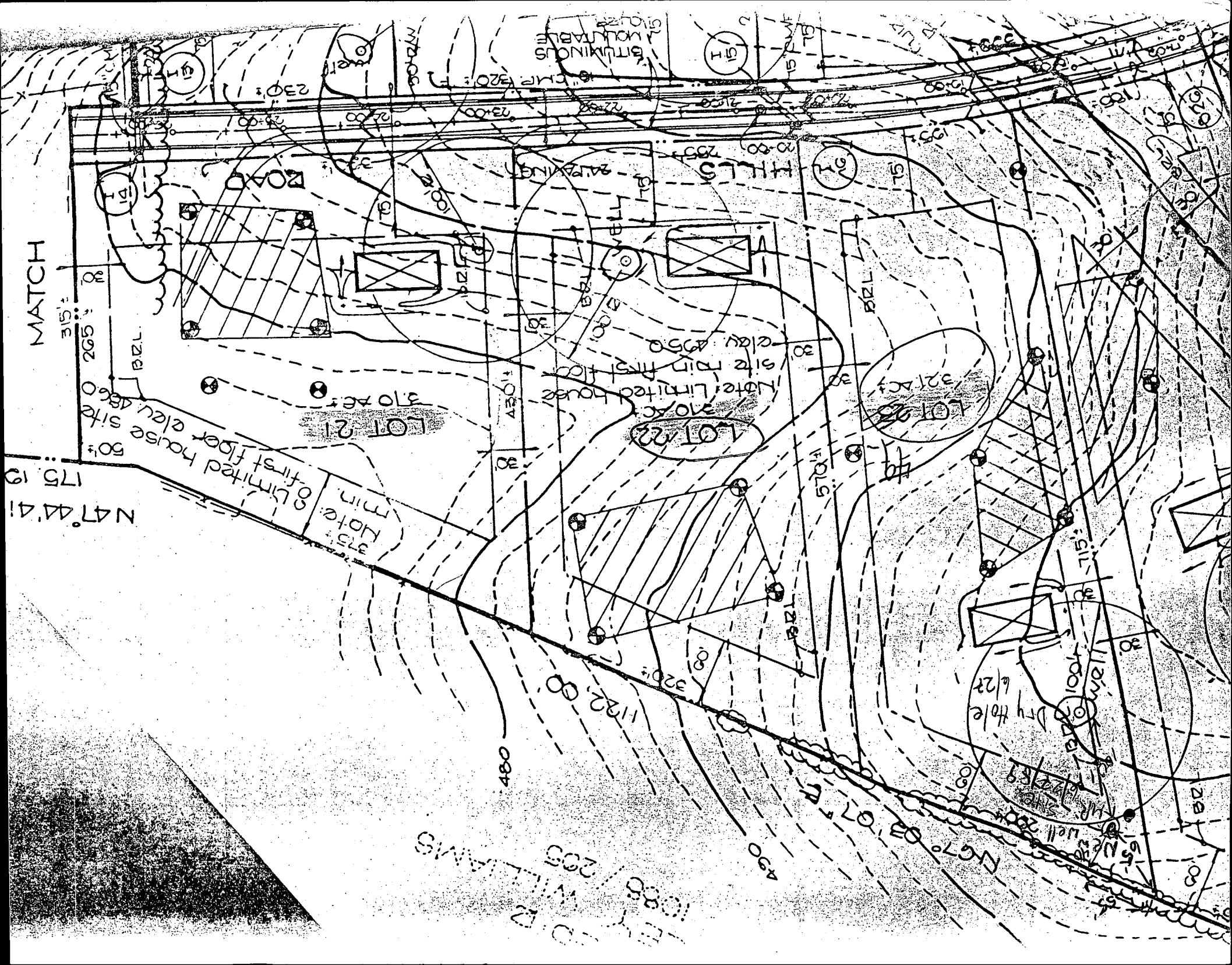
Note: A sticker indicating approval/status of the installation will be placed on the well casing at the time of the inspection.



12-21-89

Well line installed at 54 inches below grade.
House connection ok. Pitless adaptor not installed
yet. JEN

RECEIVED
HOWARD COUNTY
HEALTH DEPT
NOV 7 1 23 PM '89
DIVISION OF
ENVIRONMENTAL
HEALTH



C1 6727	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.
(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)		COUNTY NUMBER A #38591	PERMIT NO. FROM "PERMIT TO DRILL WELL" H0-88-0597
DATE Received	DATE WELL COMPLETED	Depth of Well	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
8	13	22	26
		(TO NEAREST FOOT)	

OWNER	ALTOGETHER LTD PART		
STREET OR RFD	last name TWELVE HILLS	first name	TOWN DAYTON
SUBDIVISION	TWELVE HILLS	SECTION 3	LOT 28 49

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 TO	Check if water bearing
T.S. 1	0 2	
SLT Lm	2 35	
M.I. KA	35 50	
Sm Stone	50 55	
M.I. KA	55 170	
Sm Stone	170 175	
M.I. KA	175 225	

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT CM	BENTONITE CLAY BC
NO. OF BAGS 4	NO. OF POUNDS 117
GALLONS OF WATER 54	
DEPTH OF GROUT SEAL (to nearest foot)	
from <input type="text"/>	ft. to <input type="text"/>
(enter 0 if from surface)	

CASING RECORD		
casing types insert appropriate code below		
ST	CO	
STEEL	CONCRETE	
PL	OT	
PLASTIC	OTHER	
MAIN Casing Nominal diameter Total depth top (main) casing of main casing TYPE (nearest inch) (nearest foot)		
PL	6	40
60	61	66

OTHER CASING (if used)	
diameter inch	depth (feet) from to
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

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

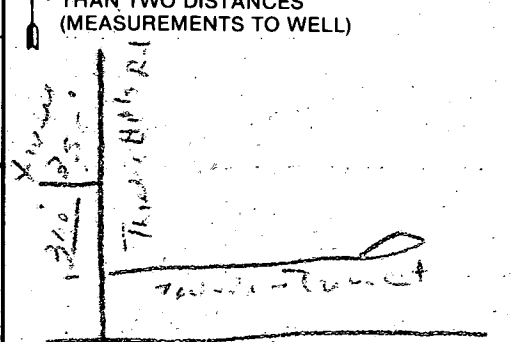
C2	
DEPTH (nearest ft.)	
40	195
8	21
23	36
38	51
SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH)	
<input type="text"/>	<input type="text"/>
56	60
from to	

GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
<input type="text"/>	

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		
PUMPING RATE (gal. per min. to nearest gal.) 4		
METHOD USED TO MEASURE PUMPING RATE Buck		
WATER LEVEL (distance from land surface)		
BEFORE PUMPING 25		
WHEN PUMPING 55		
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: 2	
CAPACITY: GALLONS PER MINUTE (to nearest gallon) <input type="text"/>	
PUMP HORSE POWER <input type="text"/>	
PUMP COLUMN LENGTH (nearest ft.) <input type="text"/>	
CASING HEIGHT (circle appropriate box and enter casing height)	
+ above	LAND SURFACE (nearest foot) 2
- below	

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 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. 453	
DRILLERS SIGNATURE Frank D. Galt	
(MUST MATCH SIGNATURE ON APPLICATION)	
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)	

COUNTY

Review OK 8/1/89 CW

Well Permit No. HO - 88.0577

Location of property (road) Twelve H, 115 ct

Subdivision Twelve Hills Lot 49 Block Plat Sec.

Well Driller FRANK DeLph Owner altogether LTD.

Depth of well 225 ft

Distance of measuring point (M.P.) above ground 2

Static water level (S.W.L.) below M.P. 25'

I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 10 G.P.M

Total time 30 min to reach pumping water level 85 ft. below M.P.

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

[illegible]

40 ft PL 35 oz 9 Bags

B 1 **6847** 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

H0-88-0577
 fill in this form completely

Date Received (APA)

121688

OWNER INFORMATION

ALTOGETHER LTD PART

10176 BALT NAT PIKE

ELLICOTT CITY MD 21043

DRILLER INFORMATION

Frank Delph **453**
 Driller's Name 77 License No. 80

Frank Delph Well Drillers Inc.
 Firm Name

18234 Penn Shop Rd. Mt. Airy Md.
 Address

Frank Delph **12/14/88**
 Signature Date

WELL INFORMATION

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

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

USE FOR WATER (CIRCLE APPROPRIATE BOX)

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

APPROXIMATE DEPTH OF WELL **200** FEET

APPROXIMATE DIAMETER OF WELL **6** INCH

METHOD OF DRILLING (circle one)

BORED (or Augered) **JETTED** **Jettied & DRIVEN**
AIR-ROTary **AIR-PERCussion** **ROTARY (Hydraulic Rotary)**
CABLE **REVERSE-ROTary** **Drive-POINT**

REPLACEMENT OR DEEPEINED WELLS
 (CIRCLE APPROPRIATE BOX)

- ☒ THIS WELL WILL NOT REPLACE AN EXISTING WELL
☐ THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED
☐ THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY
☐ THIS WELL WILL DEEPEIN AN EXISTING WELL

PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE)

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

APPROX. PERMIT NUMBER **G A P**

FORCE **JN** WRITE INITIALS IN BOX PERMIT NO. **H0-88-0577**

SPECIAL CONDITIONS.

LOCATION OF WELL

HOWARD

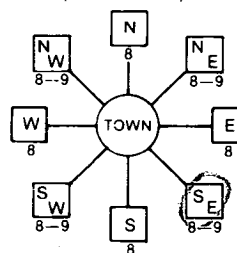
TWELVE HILLS

SECTION **3** LOT **23**

DAYTON

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

DIRECTION OF WELL FROM TOWN (CIRCLE BOX)



Twelve Hills Rd

NEAR WHAT ROAD

ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)

DISTANCE FROM ROAD **550**

ENTER FT or MI **FT**

NOT TO BE FILLED IN BY DRILLER
 HEALTH DEPARTMENT APPROVAL

HOWARD **A#38591**
 COUNTY NAME COUNTY NO.

STATE SIGNATURE **James E. Maden** INSERT S **11/3/89**
 DATE ISSUED EXP. DATE

NORTH GRID **000000** EAST GRID **000000**

SHOW MAJOR FEATURES OF BOX & LOCATE WELL WITH AN X

SOURCES OF DRILLING WATER

1. **creek**

2.

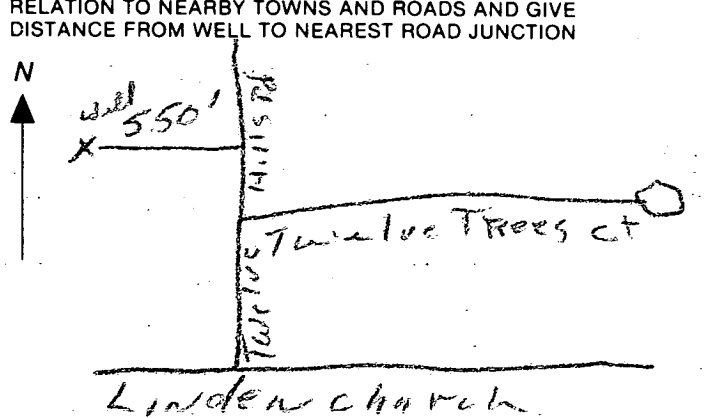
3.

WRITE THE BOX NUMBER FROM THE MAP HERE

809E **510N**

Dry hole grouted **3 bags cement**

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



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0577
Location of property (road) TWELVE HILLS
Subdivision TWELVE HILLS Lot 249 Block - Plat - Sec. 3
Well Driller F. DELPH Owner ALL TOGETHER LTD PART.

Depth of well 225 ft
Distance of measuring point (M.P.) above ground 2 ft
Static water level (S.W.L.) below M.P. 25 ft

236
155
81

I. High rate pumping -- reservoir drawdown

Time pump started 8:15 Pumping rate 10 G.P.M.
Total time 30 min to reach pumping water level 85 ft. below M.P. 45

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

[illegible]