

05-410908

PERMIT

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

P 44909

A 38590

DISTRICT 5th

DATE 8/29/89

DATE SYSTEM APPROVED 9/19/89

INSPECTOR M. Riffin

INDEXED

Paul Schissler/South Carroll Backhoe, Inc. IS PERMITTED TO INSTALL ☒ ALTER

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

SUBDIVISION Twelve Hills ROAD 13043 Twelve Hills Road LOT 50

PROPERTY OWNER Altogether Limited Partnership Bill & Jill Hudock

ADDRESS _____

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

GARBAGE GRINDER? YES _____ NO ☒

SEPTIC TANK CAPACITY 1500 GALLONS NUMBER OF BEDROOMS 5

TRENCHES - 180 sq. ft. per bedroom. Trench to be 2 feet wide. Inlet 4 feet below original grade. Bottom maximum depth 8 feet below original grade. Effective area begins at 4 feet below original grade. 4 feet of stone below distribution pipe.

LOCATION - Place the distribution box 320 feet down the right lot line and 70 feet off the same line as seen when facing the lot from Twelve Hills Road. Run trenches on contour toward the right and front lot lines. 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.

PLANS APPROVED BY Jane Nadeau DATE 5/03/89

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

LDG. PERMIT SIGNED

AND RETURNED 2-3-92

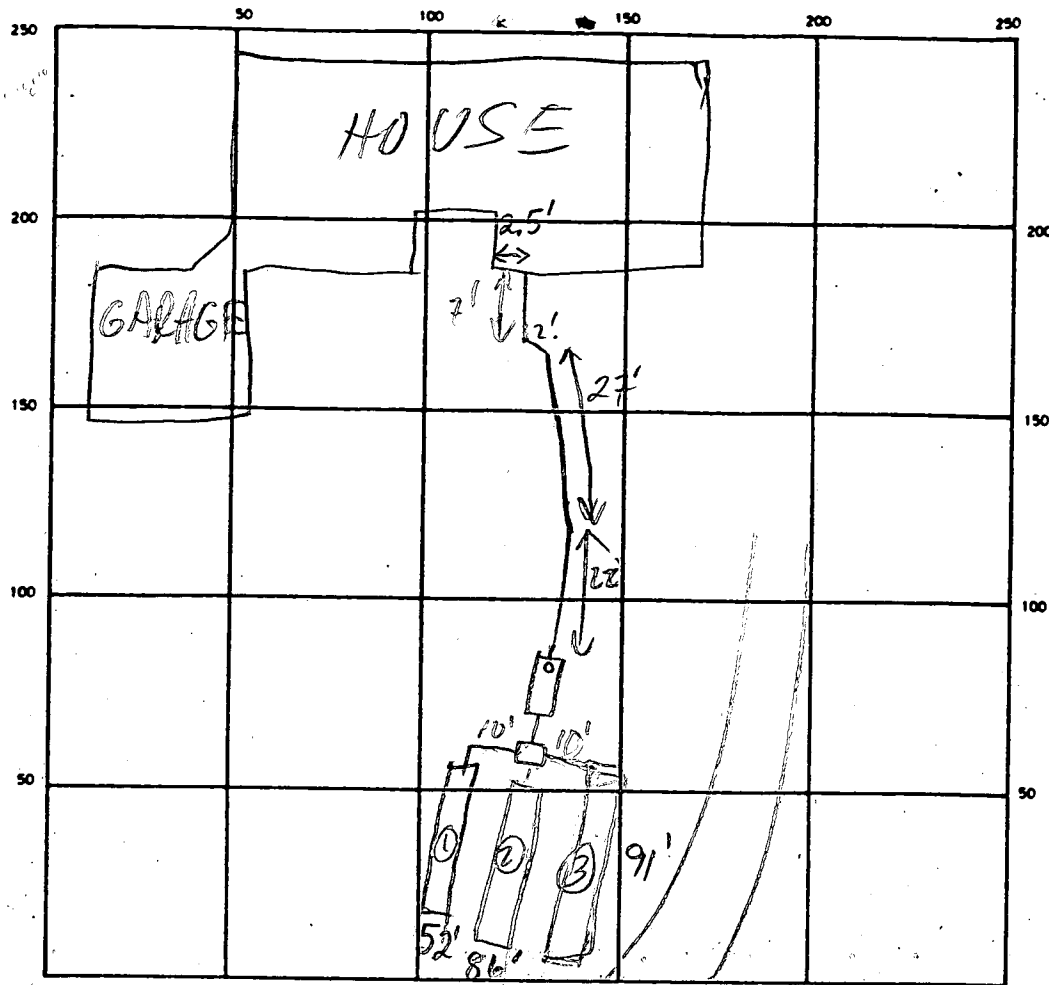
Serial # B70 115967
Inground Per.

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

461-9933
38590

well
HO-28-0576



TWELVE HILLS RD

SEPTIC TANK. LEVEL 1500 GAL CLEANOUTS OK
 DISTRIBUTION BOX. LEVEL OK BAFFLE IN IN
 DRAIN FIELD/TILE FIELD. DEPTH 8 FT. TRENCH WIDTH 2 FT. INLET DEPTH 4 FT.
 EFFECTIVE GRAVEL DEPTH 4 FT. TOTAL LENGTH 252 (3) 913 229 FT.
 NUMBER OF TRENCHES 3 ONE SIDEWALL/BOTTOM AREA 916 SQ. FT.
 DRYWELL INSIDE DIAMETER — FT. EFFECTIVE DEPTH BELOW INLET — FT.
 ABSORBENT AREA — SQ. FT.

REMARKS 9/18/89 #1 TRENCH ① SHORTENED FOR DRIVEWAY-DIFF MADE
17P ON ② & ③; ① STARTED OK TO CONTINUE
9/18/89 #2 TRENCHES ① & ② FINISHED, TRENCH ③ TO
BE DONE 9/19/89 MR
9/19/89 RE ALL WORK OK TO COVER MR

DATE SYSTEM APPROVED 9/19/89 INSPECTOR M. Rifkin

APPLICATION

PERCOLATION TESTING

A 38590

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 Final 50

PROPERTY LOCATION:

SUBDIVISION Altogether Twelve Hills Sec. 3 LOT NO. 25

ROAD AND DESCRIPTION Linden Church Rd + Rt 32 13043 Twelve Hills Rd

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 Rein
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 2/12/87 Perc OK Hold for Plat ARA

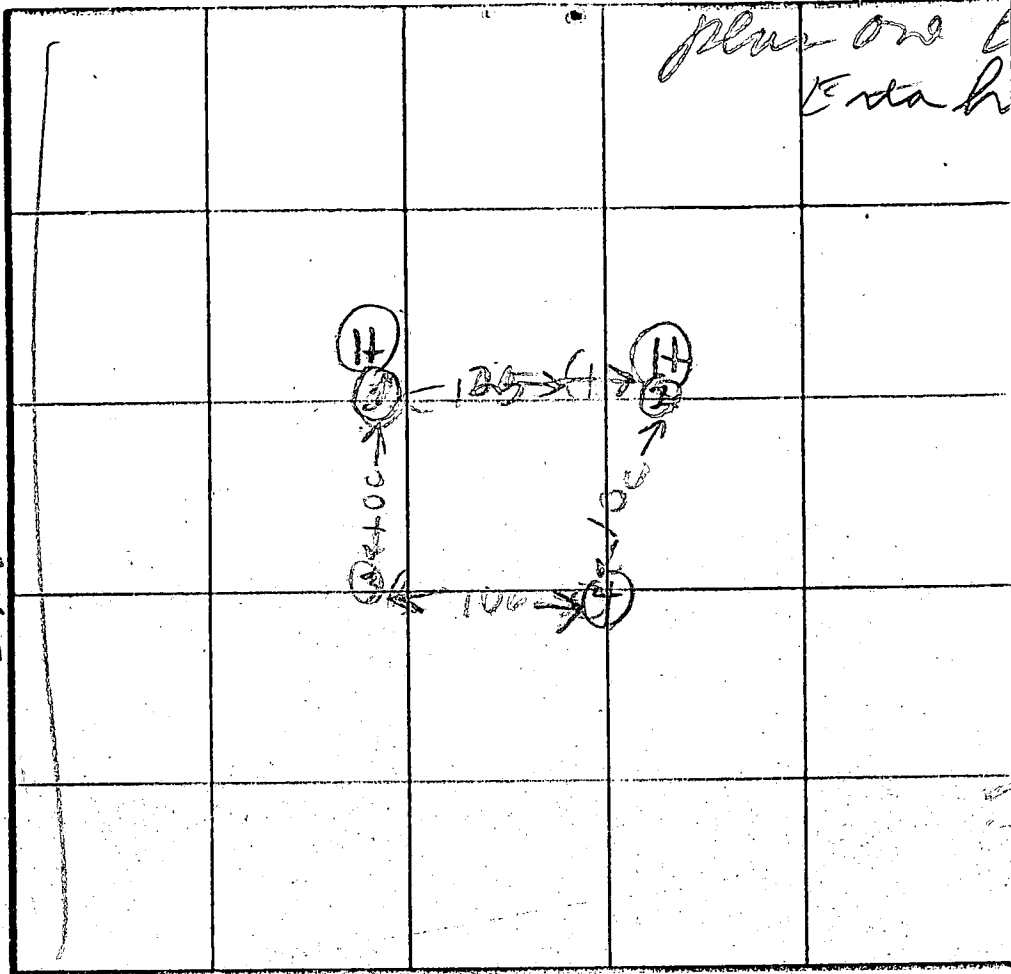
BLDG. PERMIT SIGNED
AND RETURNED 4/30/87
Seal # 26024
SFD - 5 Bedroom

THIS IS NOT A PERMIT

Let liner changed - Use 3 holes on old 25
 plus one Extra hole (5)

SOIL PROFILE
 0'
 CLAY
 4'
 BROWN
 GRAY
 SAND
 LOAM
 12'

LINER COVERED



New
 hole 5
 is 20' from
 B G & E
 R/W

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
2/17/97	15	5	354	356	358	402	6
	2V	12	OK				
	23	6	358	407	407	413	15
	21	7	400	401	407	413	4
	2V	12	OK				
2/22/97	33	4.5	403	405	405	408	3
	3V	12.5		OK			
	45	4	410	411	411	412	1
	4V	12					
	55	6.5	1238	1240	1240	1244	4
	5V	11.5					

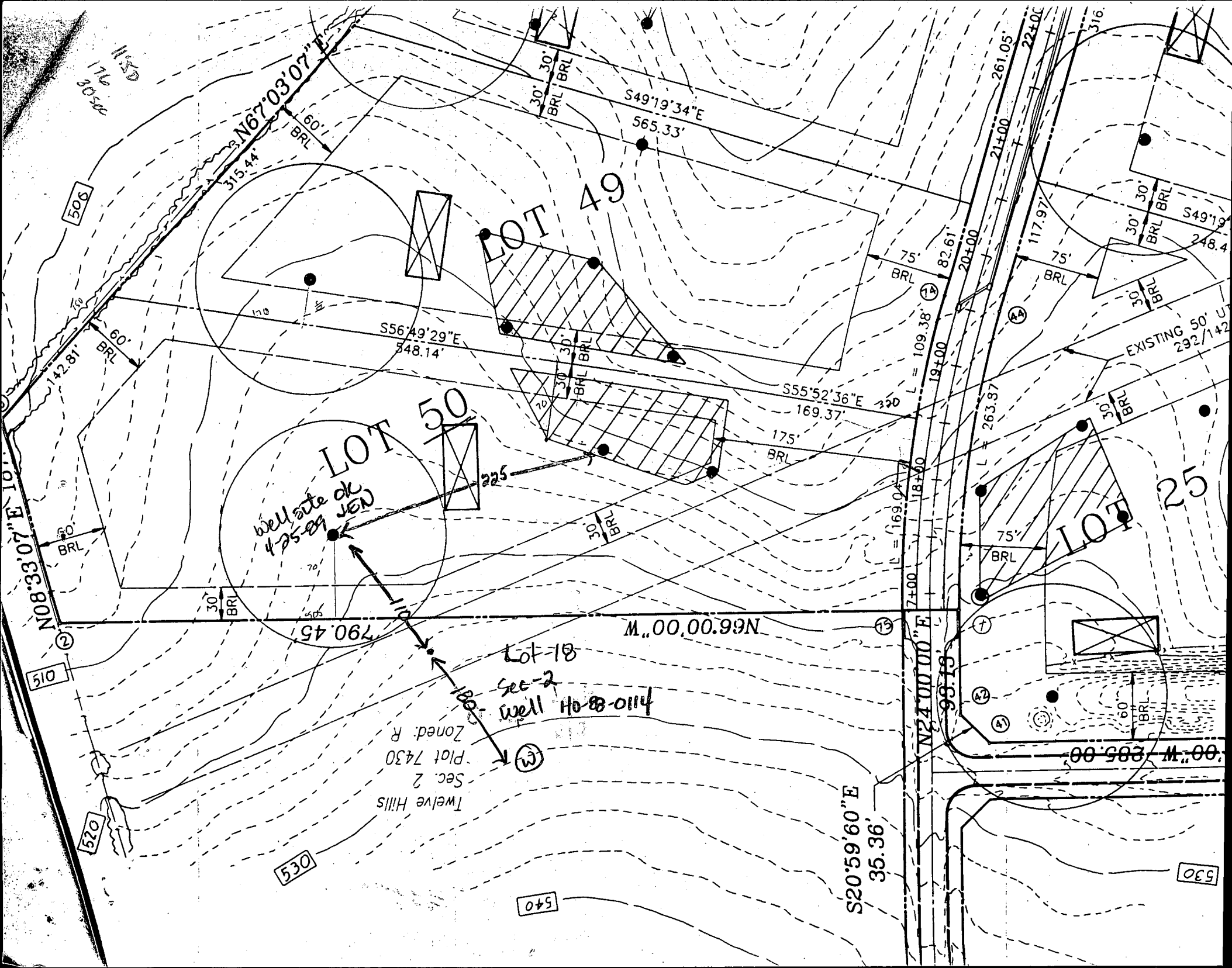
(5)
 CLAY
 4'
 BROWN
 SAND
 LOAM
 11 1/2'

(3)
 CLAY
 3'
 BROWN
 SAND
 LOAM
 12 1/2'
 (4)
 CLAY
 4'
 PINK
 SAND
 LOAM
 12 1/2'

arbn
 X Perc
 6 min
 170 #1 BK
 Inter 4"
 Bottom 8"

REMARKS: *Hole dug Per Surveyor Plat*

TYPE OF SOIL: _____
 TESTED BY: *B HODGES*
 ALSO PRESENT: *DAVID CLINT OWEN*



C1 6728	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	67 38590
DATE Received	DATE WELL COMPLETED	Depth of Well	PERMIT NO. FROM "PERMIT TO DRILL WELL"
8 13	15 28	22 26 (TO NEAREST FOOT)	28 29 30 31 32 33 34 35 36 37

OWNER	ALTOGETHER LTD. PART.		
STREET OR RFD	last name	first name	TOWN
TWELVE HILLS		RD	JAYTON
SUBDIVISION	SECTION	LOT	
TWELVE HILLS		24 50	

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	
Top Soil	0 2	
Shale	2 24	
M. KA	24 50	
Sandstone	50 55	✓
M. KA	55 160	
Sandstone	160 165	✓
M. KA	165 205	

GROUTING RECORD	
WELL HAS BEEN GROUTED (Circle Appropriate Box)	
TYPE OF GROUTING MATERIAL	
CEMENT	BENTONITE CLAY
☒ CM	☒ BC
NO. OF BAGS	NO. OF POUNDS
8	360
GALLONS OF WATER	
48	
DEPTH OF GROUT SEAL (to nearest foot)	
from	ft. to
0	30
48	58
(enter 0 if from surface)	

CASING RECORD		
casing types insert appropriate code below	STEEL	CONCRETE
	PL	OT
	PLASTIC	OTHER
MAIN CASING TYPE	Nominal diameter top (main) casing (nearest inch)	Total depth of main casing (nearest foot)
PL	6	34
60	63 64	66 70

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

screen type or open hole insert appropriate code below	STEEL	BRASS	OPEN HOLE
	PL	BRONZE	OT
	PLASTIC	OTHER	

EACH SCREEN	DEPTH (nearest ft.)	

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

SLOT SIZE 1 2 3	
DIAMETER OF SCREEN (NEAREST INCH)	
56 60	
from to	
GRAVEL PACK	
IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68	
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

PUMPING TEST		
HOURS PUMPED (nearest hour)		
3		
PUMPING RATE (gal. per min. to nearest gal.)		
7		
METHOD USED TO MEASURE PUMPING RATE		
Bucket		
WATER LEVEL (distance from land surface) BEFORE PUMPING		
30		
WHEN PUMPING		
42		
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)	
PUMP HORSE POWER	
PUMP COLUMN LENGTH (nearest ft.)	
CASING HEIGHT (circle appropriate box and enter casing height)	
+ above } LAND SURFACE (nearest foot)	
- 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)	
500'	
2000'	
Twelve trees	
Bridges Church	

COUNTY

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 88-0570
Location of property (road) TWELVE HILLS
Subdivision TWELVE HILLS Lot 2450 Block - Plat - Sec. 3
Well Driller F. DELPH Owner ALTOGETHER LTD. PART.

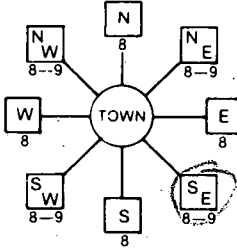
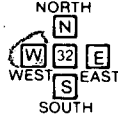
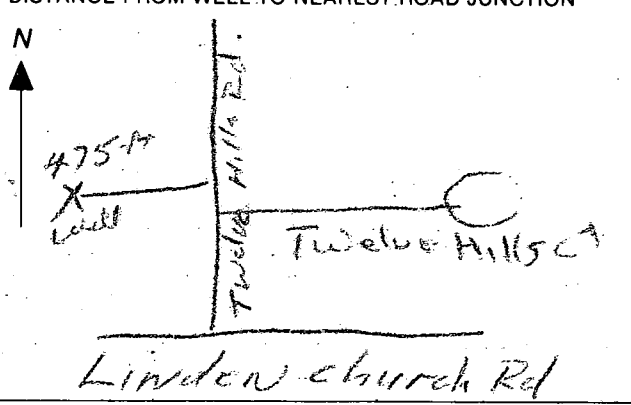
Depth of well 205
Distance of measuring point (M.P.) above ground 2
Static water level (S.W.L.) below M.P. 30

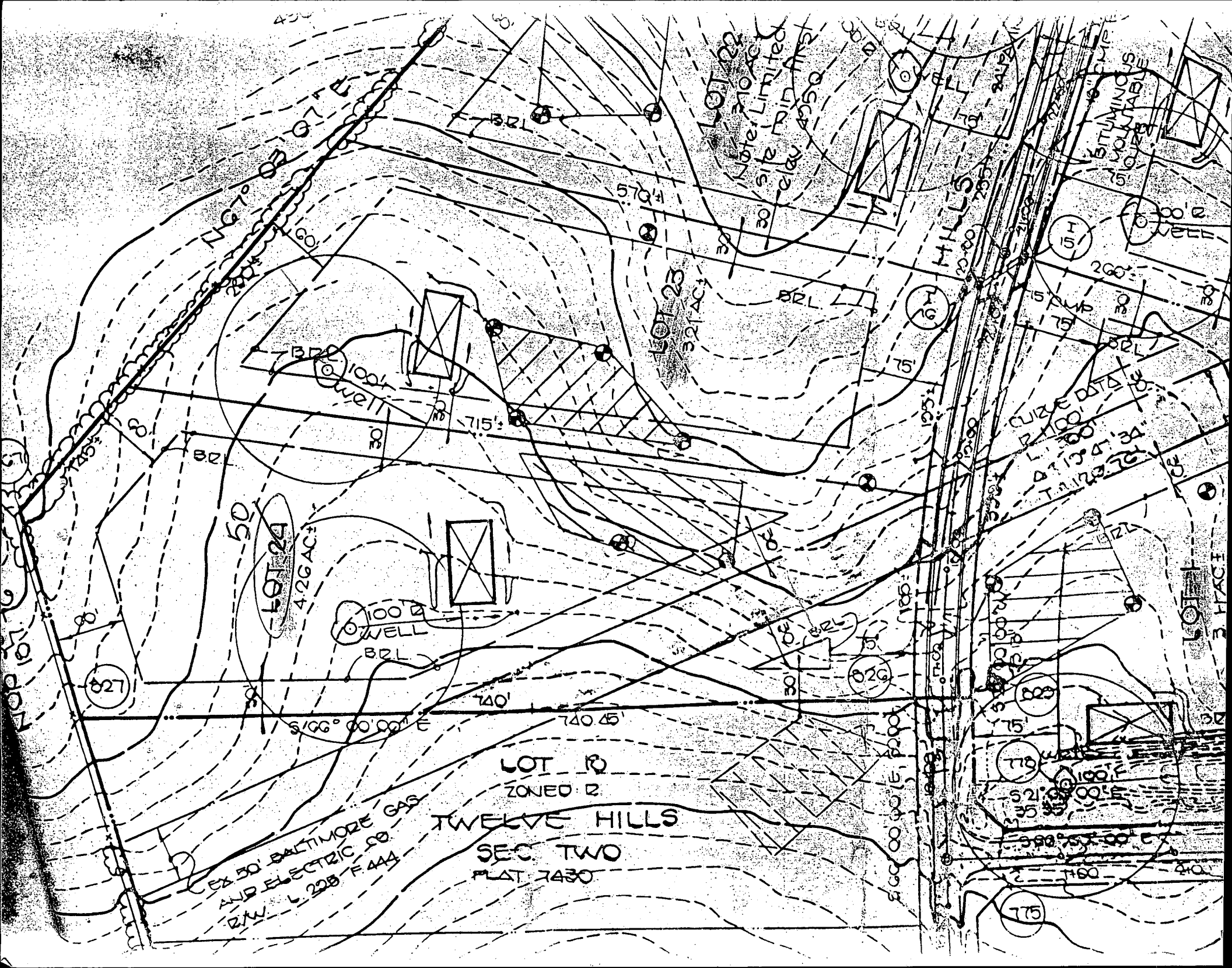
I. High rate pumping -- reservoir drawdown

Time pump started 8:45 Pumping rate 10 G.P.M.
Total time 15 min to reach pumping water level 42 ft. below M.P.

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

[illegible]

B 1 6848 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-88-0576 fill in this form completely
Date Received (APA) 1211688 OWNER INFORMATION BALTOGETHER LTD PART 15 Last Name Owner First Name 34 10176 BALT NAT PIKE 36 Street or RFD 55 ELLICOTT CITY MD 21043 57 Town 70 State 72 Zip 76	B 3 LOCATION OF WELL HOWARD 8 COUNTY 21 TWELVE HILLS 23 SUBDIVISION 42 SECTION 3 LOT 27 44 46 48 50 DAYTON 52 NEAREST TOWN 71 MILES FROM TOWN (enter 0 if in town) 1 MI 73 76 77 78	B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX)  ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX)  NEAR WHAT ROAD Twelve Hills Rd 11 30 DISTANCE FROM ROAD 475 34 37 ENTER FT or MI FT 38 39
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.) 5 8 12 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY) 500 14 20	NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL HOWARD COUNTY NAME A#38590 COUNTY NO. STATE SIGNATURE _____ INSERT S _____ DATE ISSUED 050389 NAME E. Nadeau 11/3/89 43 48 CO SIGNATURE 55 EXP. DATE NORTH GRID 809 0 0 0 EAST GRID 0 8 0 0 0 0 50 51 55 57 63	
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)	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 809 E 510 N  DRAW A SKETCH BELOW SHOWING LOCATION OF WELL IN RELATION TO NEARBY TOWNS AND ROADS AND GIVE DISTANCE FROM WELL TO NEAREST ROAD JUNCTION 475 ft Twelve Hills Rd. Linden Church Rd.	
APPROXIMATE DEPTH OF WELL 200 FEET 24 28 APPROXIMATE DIAMETER OF WELL 6 INCH NEAREST INCH	METHOD OF DRILLING (circle one) BORED (or Augered) JETTED Jetted & DRIVEN 30- 37 AIR-ROTary AIR-PERCussion ROTARY (Hydraulic Rotary) CABLE REVERSE-ROTary Drive-POINT other _____	
REPLACEMENT OR DEEPEMED 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 DEEPEMED AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEMED (IF AVAILABLE) _____ 41 52	Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER _____ GAP _____ 54 63 FORCE JN WRITE INITIALS IN BOX PERMIT NO. HO-88-0576 67 68 70 71 72 73 74 75 76 77 78 79	
SPECIAL CONDITIONS		



LOT 22
Note, Limited
30' side road first
elev. 4350

LOT 23
321 AC

LOT 24
4.26 AC

LOT 10
ZONED R
TWELVE HILLS
SEC TWO
PLAT 7430

CE & 30' BALTIMORE GAS
AND ELECTRIC CO.
R.W. L. 228 F. 444

CLIQUE DATA
P. 100
L. 134
T. 123

SITTING PLACE
SITTING PLACE

LOT 11
3.14 AC

9/18/89

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 # 444957
Date 9/18/89
Name of Installer Pride Plumbing - Heating Inc Telephone 875 2206
License Number 3486 CARROLL BAUERLIEN
Certified Well Pump Installer _____ Well Driller _____ Registered Plumber X
Name of Property Owner Altogether Partnership Telephone _____
Subdivision Twelve Hills Lot # 50 Well Tag # HD-88-0576
Site Address 13043 Twelve Hills Rd

Pump Motor Pitless Adapter
1. Type 1. Horsepower 1/2 1. Make _____
a. Deep well jet 2. RPM _____ 2. Model # _____
b. Shallow well jet X 3. Voltage _____ 3. Depth _____
c. Submersible X a. 110 _____
2. Make _____ b. 220 X
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 _____ Other _____

Tank Piping Well data
1. Capacity 400 1. Type _____ 1. Depth 205 ft.
2. Pressure relief 2. Size _____ 2. Yield 7 GPM
valve? yes 3. NSF and/or BOCA 3. Static water
level _____ ft.
4. Depth of supply 4. Will water supply
line _____ be disinfected by
installer? yes
Pitless Adapter OK
@ 4' B.G. MR 9/19/89

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 A. Bauerlien

Date: 9-18-89

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

Reviewed OK
6/30/89 CWL

Elevations

SEPTIC TANK INFO:

1500 GAL
S.H.C. INV 510.0
TANK IN 509.5
TANK OUT 509.0
DIST BOX INV 508.5
TRENCH INV 508.0

BASEMENT EJECTOR PUMP
MAY BE REQ'D.

TRENCHES:

6 BR5 X 1800 FT. = 900
@ 2.0 FT WIDE = 450 LIN. FT. PROVIDED

EXS. SLOPE OF TRENCH 512.0

EXS. SLOPE OF TANK 512.00

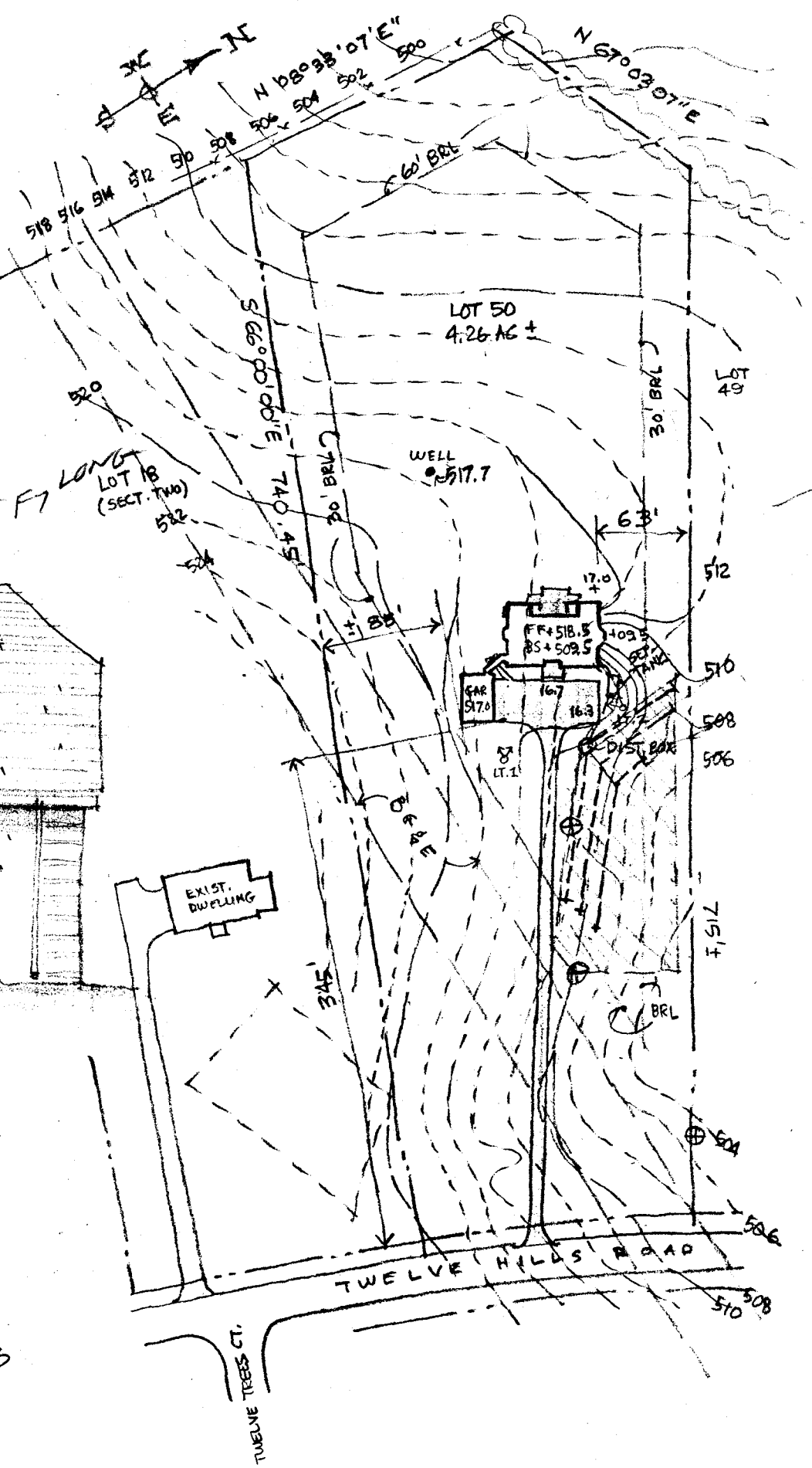
900 SPT
2 FT WIDE 9 FT DEEP
4 FT STONE 225 FT LONG

SITE PLAN

1" = 100'

TAX MAP 28
P/O PARCEL 66
SECTION THREE
TWELVE HILLS
5TH ELEC. DIST.

DATA FROM
FISHER, COLLINS
& CARTER, INC.
21 SEPT 88



LEFT SIDE ELEVATION (SOUTH)
1/8" = 1'-0"

called Mr. Majewski
the builder & told him specs
only called for 225 FT of
Trenches

7/5/89

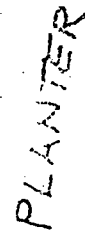
"HOMWOOD"

STATELY HOMES, INC.
LOT 50, TWELVE HILLS
ROBERT KAPLAN & ASSOC.
ARCHITECTS

12 APRIL 1989
REV. 15 JUNE 89

2 of 8

1 HOURS OF GRADING ARE INCLUDED
ANY ADDITIONAL HOURS ARE CHARGED DIRECT



PROPOSED WALKWAY

* attention - 740.45
pool may
be shifted.
15' to be inside
the BRL - OK

2/3/99

Proposed pool location TWELVE HILLS ROAD
(50' R/W)
LOT 50 SECT. 3
OR as shown PLAT. #8545

SCALE: 1" = 100'