

3/23/88 2 PM

05-392055

3/28/88 11 AM

PERMIT

P 41106

A 27465

SEWAGE DISPOSAL SYSTEM

MARYLAND STATE DEPARTMENT OF HEALTH* DISTRICT

HOWARD COUNTY

BUREAU OF ENVIRONMENTAL HEALTH

461-9933

INDEXED

DATE 3/28/88

DATE SYSTEM APPROVED

INSPECTOR

Wayde Souder

IS PERMITTED TO INSTALL ☒ ALTER

ADDRESS 13990 Triadelphia Mill Road, Clarksville, Maryland PHONE 531-2166

SUBDIVISION Kalmia Farms ROAD 14551 Triadelphia Mill LOT 27, Section 2

PROPERTY OWNER Mr. & Mrs. Ted C. Davis

ADDRESS

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

GARBAGE GRINDER? YES NO ☒

OK TO SWITCH TO 4' WIDE TRENCHES
AS BEST USE OF AVAILABLE AREA

SEPTIC TANK CAPACITY 1250 GALLONS NUMBER OF BEDROOMS 4

TRENCHES - 210 sq. ft. per bedroom. Trench to be 3 feet wide. Inlet 4 1/2 feet below original grade. Bottom maximum depth 6 1/2 feet below original grade. Effective area begins at 4 1/2 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - SHALLOW SYSTEM ONLY. Beginning from left front lot corner, place the distribution box 60 feet down the left (660.00') lot line and 160 feet off the left line as seen when facing property from Triadelphia Mill Road. Run trenches along contour towards the right (660.00') lot line. NOTE: MAINTAIN 100 FEET FROM WELL TO SEPTIC - DISTANCE BETWEEN TRANCHES TO BE 6 FEET.

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

PLANS APPROVED BY Bert Nixon DATE 10/14/87

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.

BUILDING PERMIT SIGNED
AND RETURNED

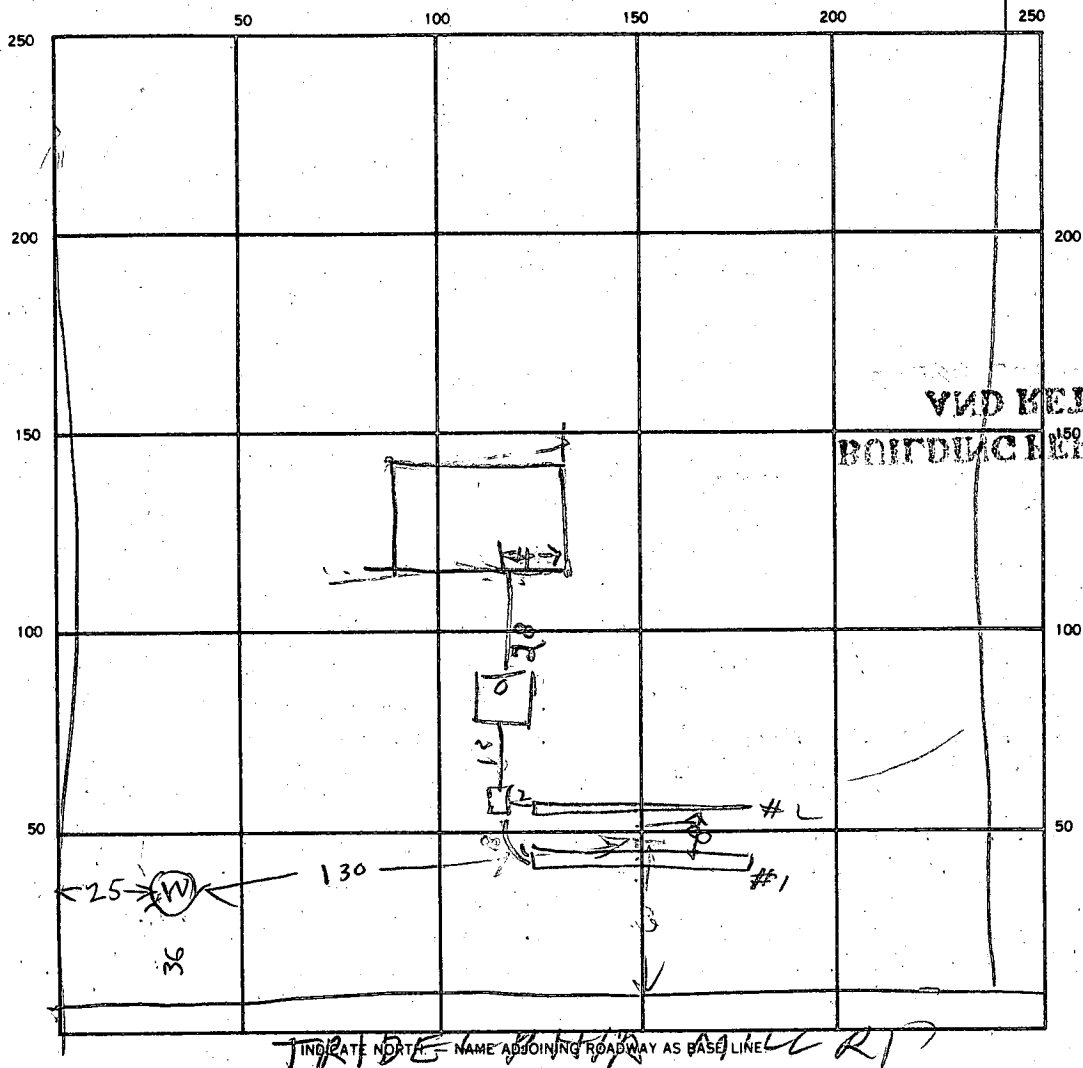
5-1201 800148-110-5HED

*INSTALLER IS RESPONSIBLE FOR OBTAINING FINAL APPROVAL ON THIS PERMIT

*CALL 461-9933 FOR INSPECTION OF SEPTIC SYSTEMS.

EH - 2-1186

A 87465



SEPTIC TANK. LEVEL 01-1500 CLEANOUTS ST OK

DISTRIBUTION BOX. LEVEL OK

DRAIN FIELD/TILE FIELD. DEPTH 6 1/2 FT. TRENCH WIDTH 4 1/2 FT. INLET DEPTH 4 FT.

EFFECTIVE GRAVEL DEPTH 2 1/2 FT. TOTAL LENGTH 220' FT.

NUMBER OF TRENCHES 2 (410 sq) ONE SIDEWALL/BOTTOM AREA 880 SQ. FT.

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

ABSORBENT AREA 880 SQ. FT.

REMARKS _____

DATE SYSTEM APPROVED 3/28/88 INSPECTOR Raymond Hodges

10/29/79 ~~Now~~ #28

7/13/79 #31 on final plat #34 Sec 2
A 27 465

APPLICATION

#27 Retests
3/80 +/o change lot lines

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 476, ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 465-5000, EXT. 356

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. *Marked Nonbuildable*

PROPERTY OWNER Mr. & Mrs. Ted C. Davis *#27 3/80*

ADDRESS _____ PHONE _____ *#31 Sec 2*

PROPERTY LOCATION:

SUBDIVISION KALMIA FARMS LOT NO. 34

ROAD AND DESCRIPTION 14551 Tridelphia Mill Road

SIZE OF LOT _____ TYPE BLDG. _____

NUMBER OF BEDROOMS _____

IF NOT SINGLE RESIDENCE DESCRIBE _____

THE SYSTEM INSTALLED UNDER THIS APPLICATION IS ACCEPTABLE ONLY UNTIL PUBLIC
FACILITIES BECOME AVAILABLE.

SIGNATURE OF APPLICANT _____

APPROVED BY Legend Hodge FOR Trencher DATE 9/20/83
(KIND OF SYSTEM)

REJECTED BY _____ FOR _____ DATE _____
(KIND OF SYSTEM)

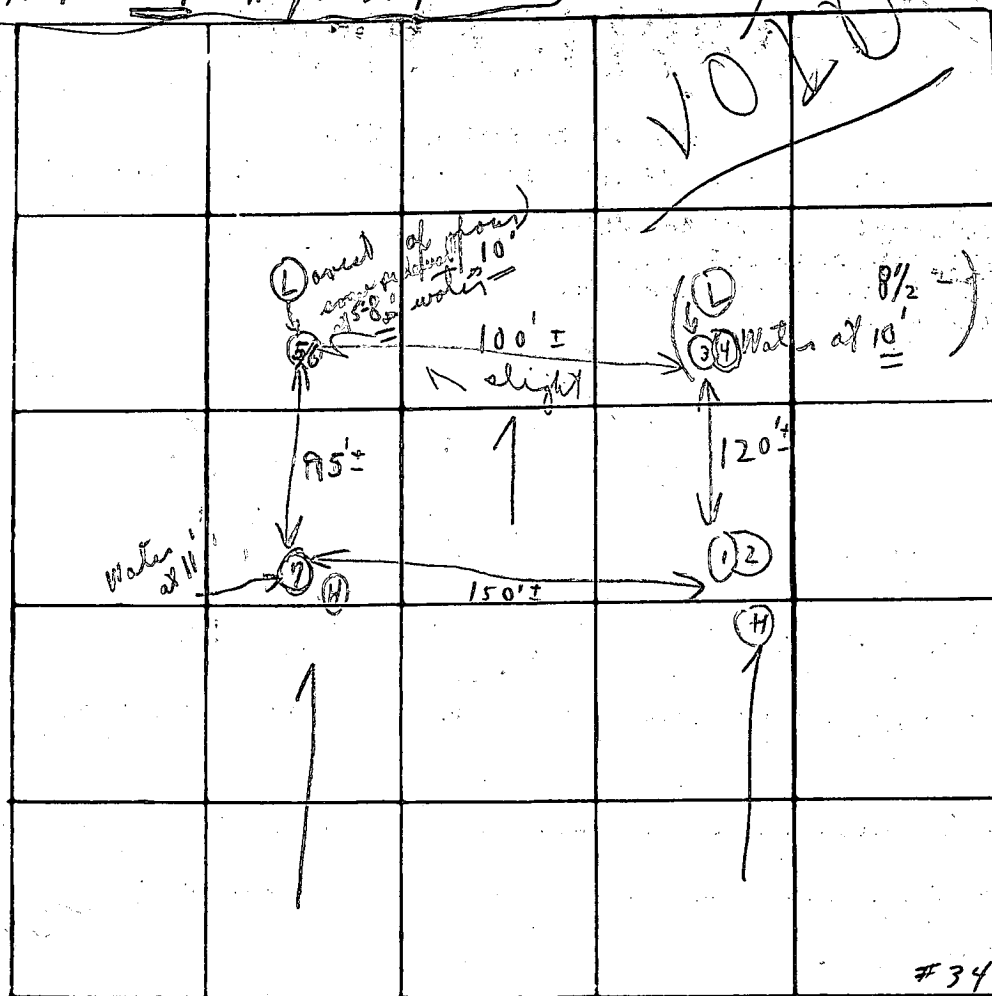
HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING 9/29/83 Specs Written

I install Septic System before
Building Permit is received U/H.

THIS IS NOT A PERMIT

7/13/79 #31 on final platt



INDICATE NORTH. - NAME ADJOINING ROADWAY AS BASE LINE

Triadelschia Mill Rd

DATE	TEST NO.	DEPTH /	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
5/5/78	1	4'	:	:	:	:	
	2	11 1/2'	:	:	:	:	
(4)	3	4'	10:51	10:54	10:54	11:02	8m
(4)	(4)	'	: 8 1/2'	<u>water</u>	:	:	
	5	'	:	:	:	:	
	(6)	'	:	:	i water	10'	
	(7)	'		Viscid	<u>water</u>	x 11'	
						Tks #2	m ✓

(142) Paint
2' higher
than (#7)

Ths.	L [#] 2	on	Dec. 2
------	------------------	----	--------

REMARKS

all (2) holes. Holes dug per stake except wanted for hole
in Todd's tree (142) to the edge

TYPE OF SOIL

High holes in small chub are
Raccoon

TESTED BY

C. B. A.

ALSO PRESENT

Mr. Kuch of Brandeis

#28 Dec 2

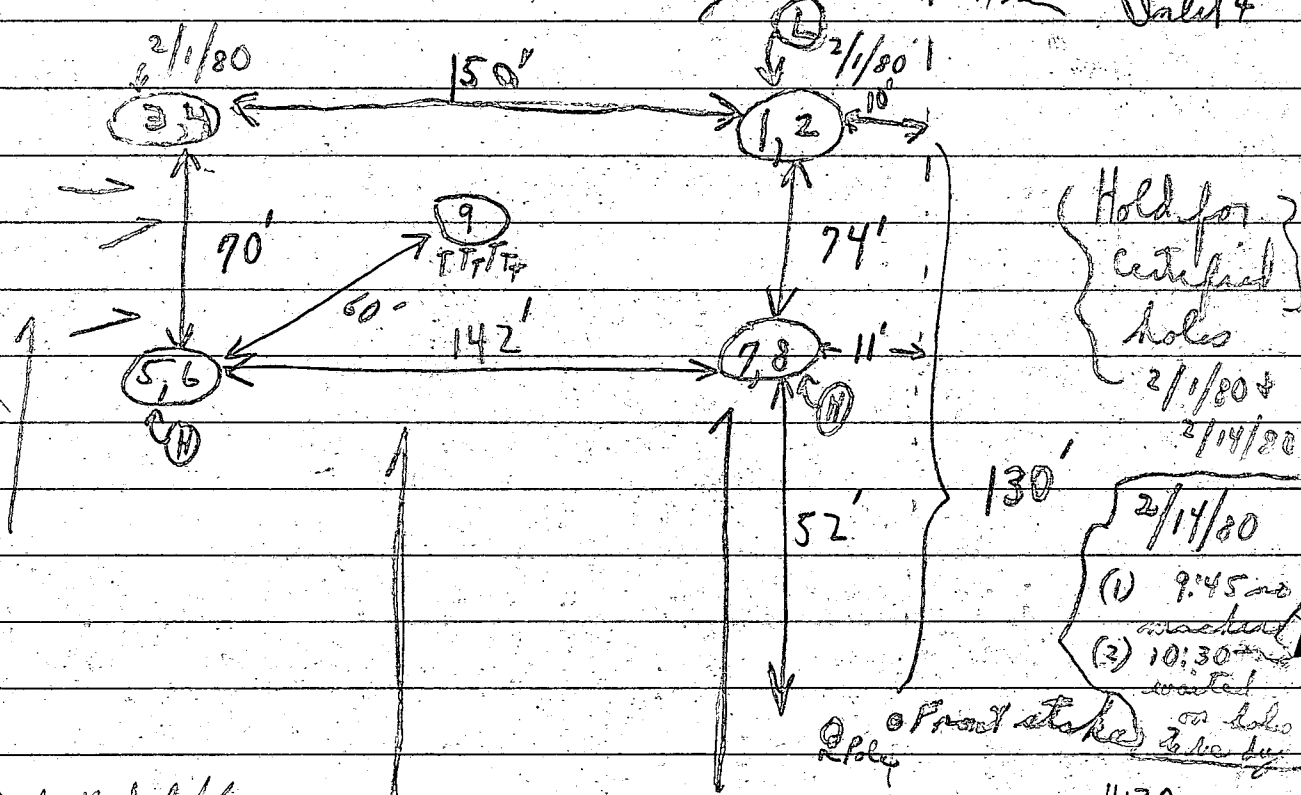
2/1/80 + 2/14/80

Kalmar Farms

Field
Chief

Test
not per stake

Soil Profile	Depth	Hole #	1 st "	2 nd "	2 nd stop	Total	
1' - 4' Clay	4 1/2'	1	3:45	3:49	3:55	6 min	3:55
4' - 12 1/2' loam	8 1/2'	2	4:04	4:06	4:13	9 min	Water 13 3:15
1' - 4 1/2' loam	4'	3A	3:48	4:12			
4 1/2' - 12' loam	12-8"	4	3:48	3:57	4:00	6 min	
2/14/80 1' - 5 1/2' clay	5 1/2'	5	11:05	11:18	11:46	28 min	1 do 3:15
5 1/2' - 1 1/2' mica loam	13 1/2'	6	11:00	11:04	11:10	6 min	Water
1' - 5 1/2' clay	5 1/2'	7	11:39	11:45	11:58	13 min	Fraser dated
5 1/2' - {mica loam}	13 1/2'	8	11:36	11:42	11:59	19 min	Per. Dec 4/80 Mr. Radcliffe
main loam	5'	3B	4:14	4:17	4:20	3 min	Mr. P.M. Wick
2/14/80 9	[Visual 5'-5 1/2' to } Mica loam]						+ 2 clay Mr. Radcliffe
			13'	any "	8/86	11 min	Valid 4



2/14/80 Mr. Radcliffe
{ Mr. Wick & asst
C.B.R.

Copy given to Mr. Radcliffe Mill Rd.

4:30
(Held 2/1/80
for more
tests)

Wrote copy & gave to Mr. C.B.R.
of Boon

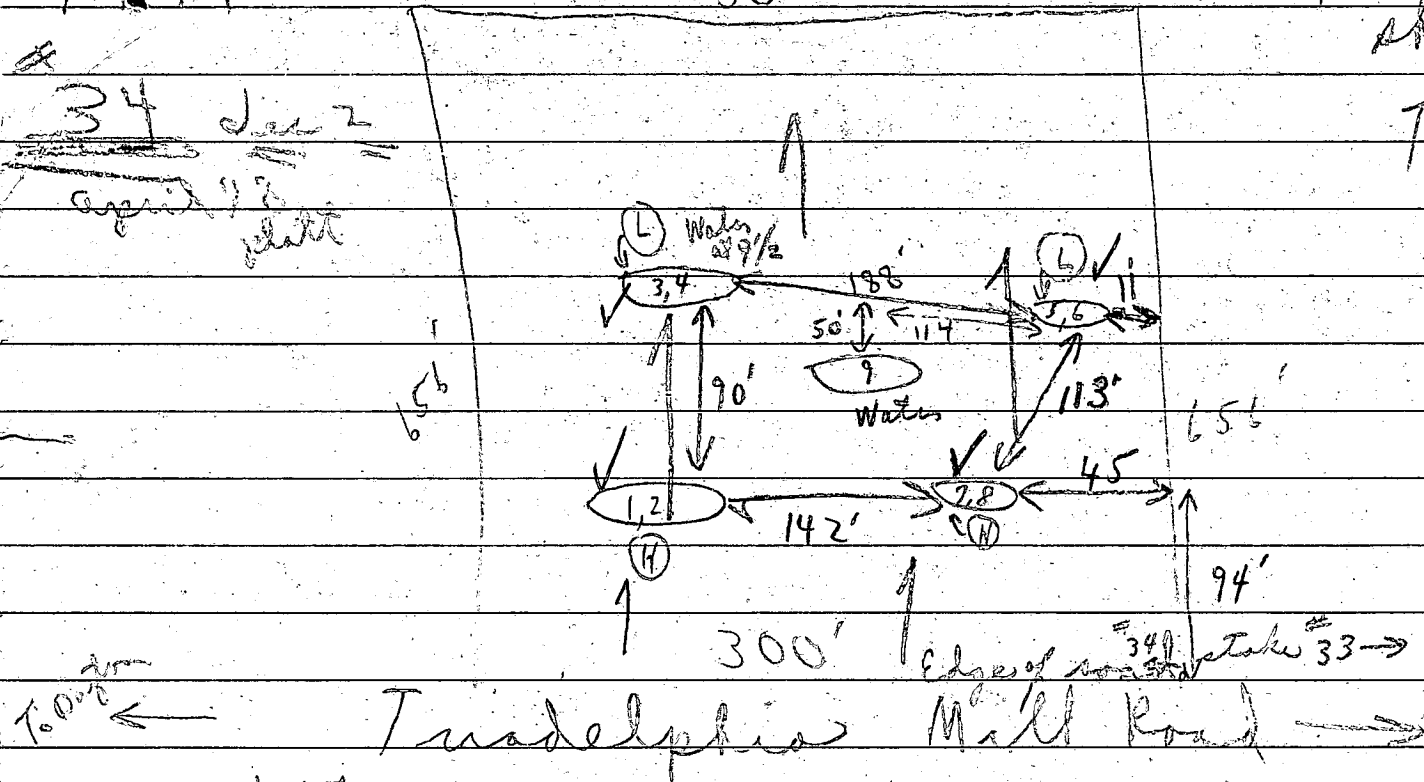
#28 10/29/79 #3/
Field Nonbuildable
Until Retest
300'

Field
sheet

3/19/79

34 Jan 2
April 18
plate

Tests
not
per
shakes



Depth #	1st	2nd	2nd stop	Total
Below clay 3' 1	2:01	2:02	2:06	4 min
mic. loam 11' 2	2:01	2:13	2:26	13 min
↓ 2 1/2' 3	2:03	2:06	2:14	8 min
to water 9 1/2' 7' 4	2:14	2:23	2:43	20 min
3' 5	2:08	2:10	2:15	5 min
7' 6	2:08	2:10	2:15	5 min dry to 7' only
3' 7	2:18	2:21	2:28	7 min
at 12' 8	2:18	2:22	2:48	26 min
3' - 10' = Water 9				

Tested by C.B.R.

K. Allen
+ Dixon on site

(Tests in area of small trees)
(Hold for supervisor)
shallow system
{ Holes ready for testing }
(over)

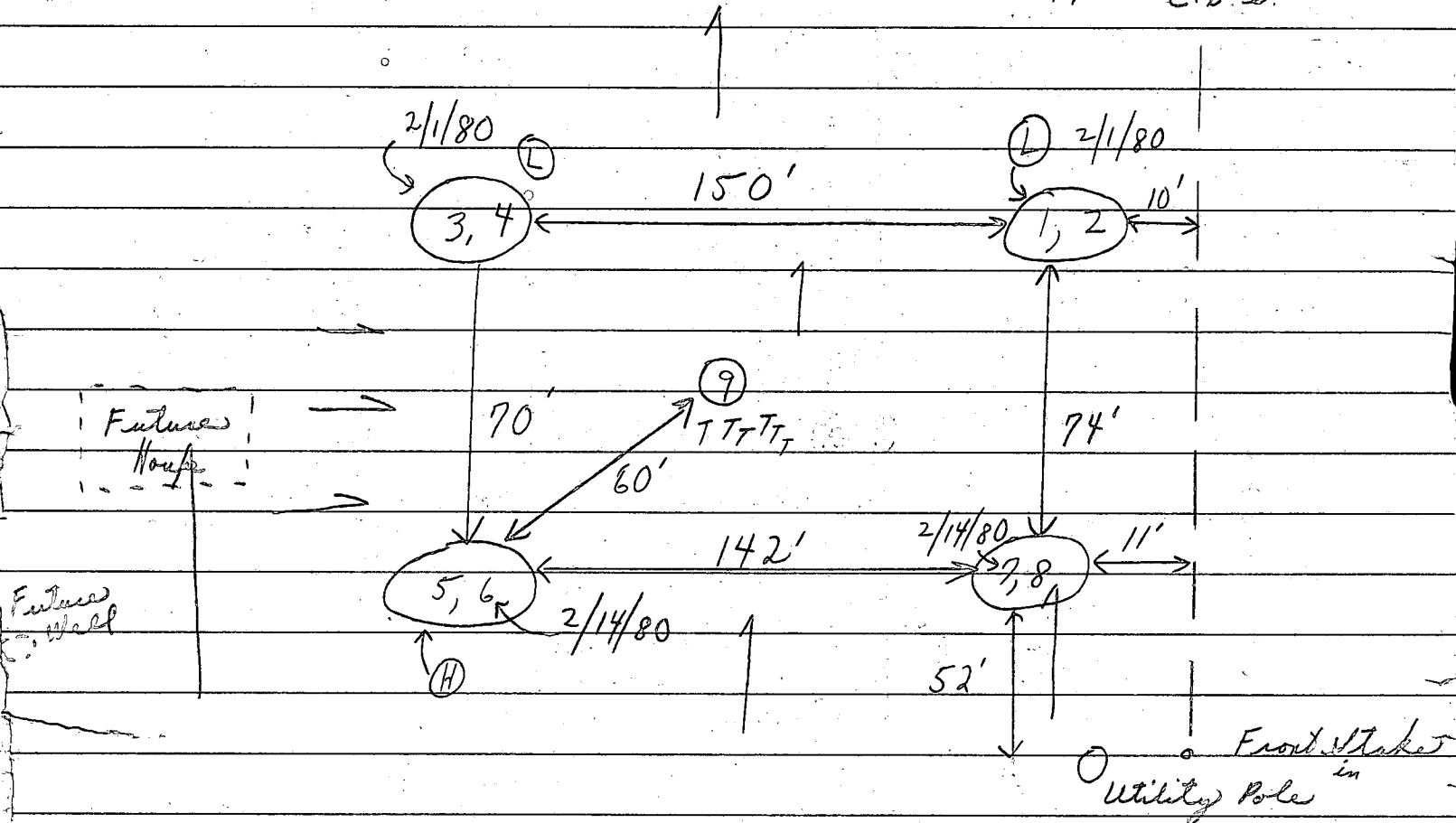
#27 3/80.

2/15/80

Reaccomplished

#28 Sec. 2 "Kalmia Farms" @ office.

C.B.V.



Triadelphia Mill Rd

(→ = slopes)

2/14/80 Hold for discussion with supervisor

2/15/80 Discussed lot with Mr. Monaghan ok

for initial system deep - repairs shallow
Hold for certified holes.

D.W.M. + C.B.V.

Recommend system first if approved.

C.B.V.

28

6

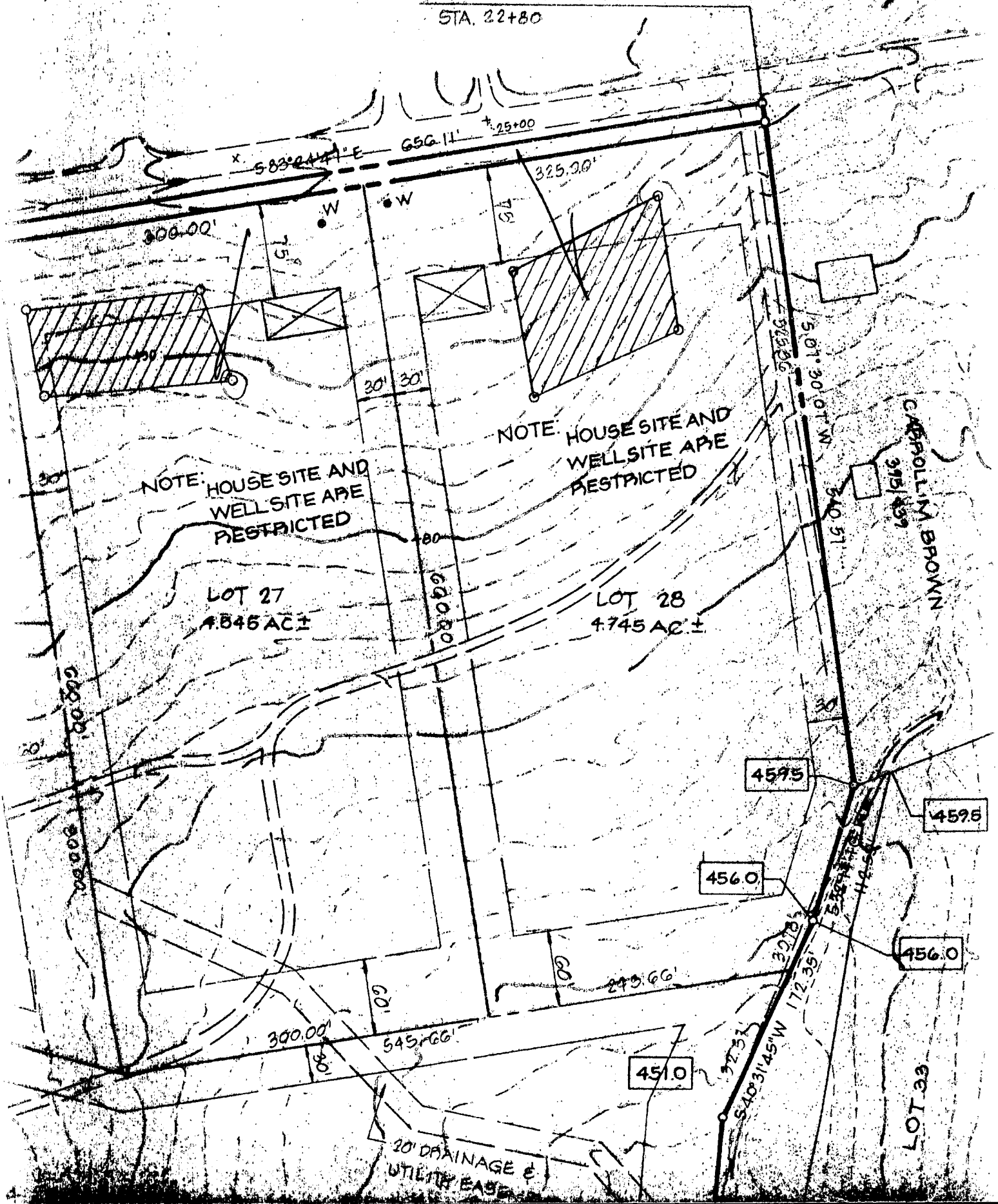
13

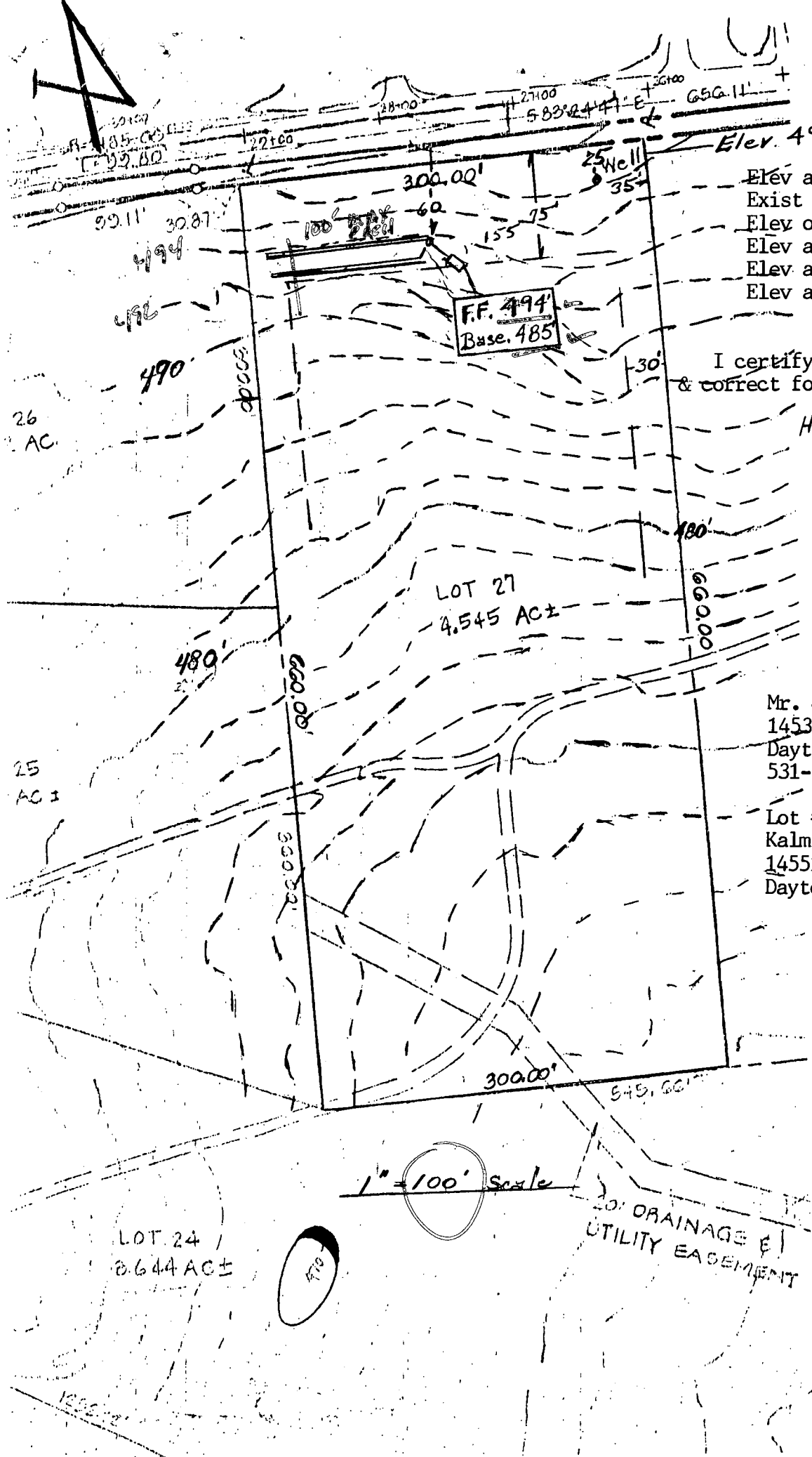
17

4/6/84

1, 6

STA. 22+80





Elev at time of perc	494' ✓
Exist elev at trench	494' ✓
Elev of sewer at house	492.0' ✓
Elev at tank inv.	491.5' ✓
Elev at tank exist.	491.2' ✓
Elev at trench inv.	490.0' ✓

NO CSMT ON GRAVITY

I certify that all elev. are acc & correct for this property.

H *Donald E. Souder*
Donald E. Souder

LOT 27
4.545 AC±

Mr. & Mrs. Ted C. Davis
14530 Triadelphia Mill Rd.
Dayton, Md. 21036
531-6327

Lot # 27 Section 2
Kalmia Farms
14551 Triadelphia Mill Rd.
Dayton, Md. 21036

430'± Require
280'± OF TRENCH

1" = 100' Scale

LOT 24
0.644 AC±

20' DRAINAGE &
UTILITY EASEMENT

2/19/88
dwiggins
oh
8W
BLDG. PERMIT SIGNED
AND RETURNED 2-19-88
BP16803
SAH

B 1 8347 <small>(THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)</small>	STATE OF MARYLAND PERMIT TO DRILL WELL please print or type	OEP PERMIT NUMBER 40-81-2353 <small>fill in this form completely</small>
OWNER INFORMATION Date Received _____ 15 Last Name: DAVIS Owner: TCD First Name: _____ Street or RFD: 14550 TCD/10410 Town: DAYTON State: 72 Zip: 21036	B 3 LOCATION OF WELL R 40196 8 COUNTY: HOWARD 23 SUBDIVISION: KALITH FARMS SECTION: 2 LOT: 27 52 NEAREST TOWN: DAYTON MILES FROM TOWN (enter 0 if in town): 3 MI	DRILLER INFORMATION Driller's Name: George F. Easterday 77 License No. 80: 40 Firm Name: L. Franklin Easterday, Inc. Address: 9265 Br. Ch. Rd., Mt. Airy, Md. 21771 Signature: _____ Date: 7/2/87
B 2 WELL INFORMATION APPROX. PUMPING RATE (GAL. PER MIN.): 5 AVERAGE DAILY QUANTITY NEEDED (GAL. PER DAY): 500	B 4 DIRECTION OF WELL FROM TOWN (CIRCLE BOX) 	NEAR WHAT ROAD: TOWN CIRCLE ROAD ON WHICH SIDE OF ROAD (CIRCLE APPROPRIATE BOX): NORTH DISTANCE FROM ROAD: 37 ENTER FT or MI: 57
USE FOR WATER (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> HOME (SINGLE OR DOUBLE HOUSEHOLD UNIT ONLY) <input type="checkbox"/> FARMING (LIVESTOCK WATERING & AGRICULTURAL IRRIGATION) <input type="checkbox"/> INDUSTRIAL, COMMERCIAL, STATE AND FEDERAL GOV. OTHER (REQUIRES APPROPRIATION PERMIT) <input type="checkbox"/> PUBLIC OR PRIVATE WATER COMPANY (REQUIRES APPROPRIATION PERMIT AND STATE HEALTH DEPARTMENT APPROVAL) <input type="checkbox"/> 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) <input checked="" type="checkbox"/> JETTED <input type="checkbox"/> Jetted & DRIVEN <input type="checkbox"/> 30 AIR-ROTary <input checked="" type="checkbox"/> AIR-PERCussion <input type="checkbox"/> ROTARY (Hydraulic Rotary) <input type="checkbox"/> 37 CABLE <input type="checkbox"/> REVERSE-ROTary <input type="checkbox"/> Drive-POINT <input type="checkbox"/> other: _____		
REPLACEMENT OR DEEPEINED WELLS (CIRCLE APPROPRIATE BOX) <input checked="" type="checkbox"/> THIS WELL WILL NOT REPLACE AN EXISTING WELL <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE ABANDONED AND SEALED 39 <input type="checkbox"/> THIS WELL WILL REPLACE A WELL THAT WILL BE USED AS A STANDBY <input type="checkbox"/> THIS WELL WILL DEEPEIN AN EXISTING WELL PERMIT NUMBER OF WELL TO BE REPLACED OR DEEPEINED (IF AVAILABLE): 41 _____ 52		
Not to be filled in by driller (OEP USE ONLY) APPROP. PERMIT NUMBER: _____ GAP _____ FORCE: 27 WRITE INITIALS IN BOX: 27 PERMIT No.: 40-81-2353 SPECIAL CONDITIONS:		

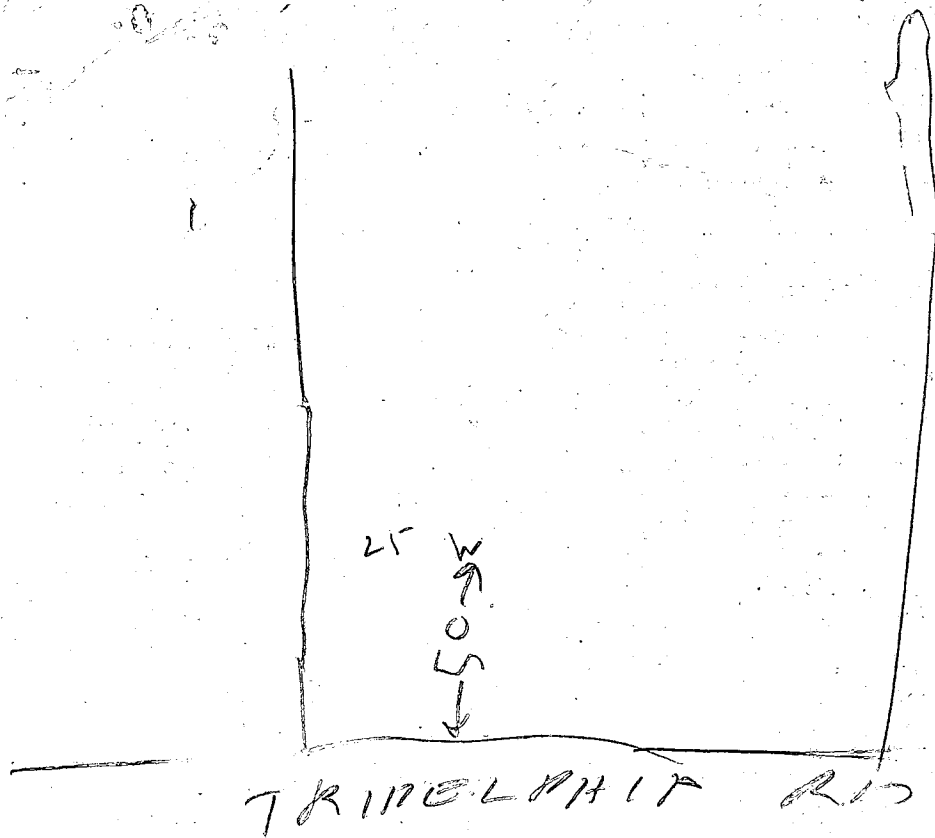
NOT TO BE FILLED IN BY DRILLER HEALTH DEPARTMENT APPROVAL

COUNTY NAME: HOWARD COUNTY NO.: A27465
 OEP SIGNATURE: _____ STATE HEALTH INSERT S: _____
 DATE ISSUED: 10/20/87 CO SIGNATURE: B. N. N. EXP. DATE: 04/20/88
 NORTH GRID: 507 000 EAST GRID: 0794 000

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:
 E 798 4
 N 508 7

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



- ① LOCATION OK
 - ② Arrive 11:15 not ready
 - ③ Crowt truck arrived at 12
 - ④ 25 FT open hole with string & weight
 - ⑤ 52 ft casing 2 FT out of ground
 - ⑥ ~~12 ft~~ 30 ft pipe put down well
 - ⑦ 6 Bags put down well for but Had to leave
- Record Total #
of Bags
- B. J. Hodgson

Page 1 of 1
Date 11/16/87

HAM grant
PT 6 hr. 8 am
11/14/87

Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2358
Location of property (road) TRIADELPHIA MILL ROAD
Subdivision KALMIA FARMS Lot 27 Block _____ Plat _____ Sec. 2
Well Driller GEORGE SASTRDAY Owner DAVIS, TED

Depth of well 400 16 ft
Distance of measuring point (M.P.) above ground 2
Static water level (S.W.L.) below M.P. 20

I. High rate pumping -- reservoir drawdown

Time pump started 9:00 Pumping rate 10 gpm
Total time 9:15 to reach pumping water level 76 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)
1200	75	3.5 sec		2
1215	75	3.5 sec		2
1230	75	3.5 sec		2
1245	75	3.5 sec		2
1260	75	3.5 sec		2
1275	75	3.5 sec		2
1290	75	3.5 sec		2
1305	75	3.5 sec		2
1320	75	3.5 sec		2
1335	75	3.5 sec		2
1350	75	3.5 sec		2
1365	75	3.5 sec		2
1380	75	3.5 sec		2
1395	75	3.5 sec		2
1410	75	3.5 sec		2
1425	75	3.5 sec		2
1440	75	3.5 sec		2
1455	75	3.5 sec		2
1470	75	3.5 sec		2
1485	75	3.5 sec		2
1500	75	3.5 sec		2
1515	75	3.5 sec		2
1530	75	3.5 sec		2
1545	75	3.5 sec		2
1560	75	3.5 sec		2
1575	75	3.5 sec		2
1590	75	3.5 sec		2
1605	75	3.5 sec		2
1620	75	3.5 sec		2
1635	75	3.5 sec		2
1650	75	3.5 sec		2
1665	75	3.5 sec		2
1680	75	3.5 sec		2
1695	75	3.5 sec		2
1710	75	3.5 sec		2
1725	75	3.5 sec		2
1740	75	3.5 sec		2
1755	75	3.5 sec		2
1770	75	3.5 sec		2
1785	75	3.5 sec		2
1800	75	3.5 sec		2
1815	75	3.5 sec		2
1830	75	3.5 sec		2
1845	75	3.5 sec		2
1860	75	3.5 sec		2
1875	75	3.5 sec		2
1890	75	3.5 sec		2
1905	75	3.5 sec		2
1920	75	3.5 sec		2
1935	75	3.5 sec		2
1950	75	3.5 sec		2
1965	75	3.5 sec		2
1980	75	3.5 sec		2
1995	75	3.5 sec		2
2010	75	3.5 sec		2
2025	75	3.5 sec		2
2040	75	3.5 sec		2
2055	75	3.5 sec		2
2070	75	3.5 sec		2
2085	75	3.5 sec		2
2100	75	3.5 sec		2
2115	75	3.5 sec		2
2130	75	3.5 sec		2
2145	75	3.5 sec		2
2160	75	3.5 sec		2
2175	75	3.5 sec		2
2190	75	3.5 sec		2
2205	75	3.5 sec		2
2220	75	3.5 sec		2
2235	75	3.5 sec		2
2250	75	3.5 sec		2
2265	75	3.5 sec		2
2280	75	3.5 sec		2
2295	75	3.5 sec		2
2310	75	3.5 sec		2
2325	75	3.5 sec		2
2340	75	3.5 sec		2
2355	75	3.5 sec		2
2370	75	3.5 sec		2
2385	75	3.5 sec		2
2400	75	3.5 sec		2
2415	75	3.5 sec		2
2430	75	3.5 sec		2
2445	75	3.5 sec		2
2460	75	3.5 sec		2
2475	75	3.5 sec		2
2490	75	3.5 sec		2
2505	75	3.5 sec		2
2520	75	3.5 sec		2
2535	75	3.5 sec		2
2550	75	3.5 sec		2
2565	75	3.5 sec		2
2580	75	3.5 sec		2
2595	75	3.5 sec		2
2610	75	3.5 sec		2
2625	75	3.5 sec		2
2640	75	3.5 sec		2
2655	75	3.5 sec		2
2670	75	3.5 sec		2
2685	75	3.5 sec		2
2700	75	3.5 sec		2
2715	75	3.5 sec		2
2730	75	3.5 sec		2
2745	75	3.5 sec		2
2760	75	3.5 sec		2
2775	75	3.5 sec		2
2790	75	3.5 sec		2
2805	75	3.5 sec		2
2820	75	3.5 sec		2
2835	75	3.5 sec		2
2850	75	3.5 sec		2
2865	75	3.5 sec		2
2880	75	3.5 sec		2
2895	75	3.5 sec		2
2910	75	3.5 sec		2
2925	75	3.5 sec		2
2940	75	3.5 sec		2
2955	75	3.5 sec		2
2970	75	3.5 sec		2
2985	75	3.5 sec		2
3000	75	3.5 sec		2

Sample taken 12:18 PM
H 1284

C1 1963 (THIS NUMBER IS TO BE PUNCHED IN COLS. 3-6 ON ALL CARDS)	SEQUENCE NO. (OEP 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.
DATE Received		DATE WELL COMPLETED	Depth of Well
11/13/87		409	26
8 13		15 20	(TO NEAREST FOOT)
OWNER		PERMIT NO.	
DAVIS		FROM "PERMIT TO DRILL WELL"	
STREET OR RFD		HIC-81-2358	
SUBDIVISION		28 29 30 31 32 33 34 35 36 37	
KALMIA FARMS		TOWN	
SECTION		LOT	
2		27	

OWNER	STREET OR RFD	TOWN	LOT
DAVIS	TRADELPHIA MILL RD	DIINTON	27
SUBDIVISION	SECTION	LOT	
KALMIA FARMS	2	27	

WELL LOG Not required for driven wells			GROUTING RECORD			C3		
STATE THE KIND OF FORMATIONS PENETRATED, THEIR COLOR, DEPTH, THICKNESS AND IF WATER BEARING			WELL HAS BEEN GROUTED (Circle Appropriate Box)			PUMPING TEST		
DESCRIPTION (Use additional sheets if needed)			TYPE OF GROUTING MATERIAL			HOURS PUMPED (nearest hour)		
CEMENT			BENTONITE CLAY			PUMPING RATE (gal. per min. to nearest gal.)		
NO. OF BAGS			NO. OF POUNDS			METHOD USED TO MEASURE PUMPING RATE		
GALLONS OF WATER			DEPTH OF GROUT SEAL (to nearest foot)			WATER LEVEL (distance from land surface)		
from			ft. to			BEFORE PUMPING		
48 52			54 58			17 20		
(enter 0 if from surface)						WHEN PUMPING		
						22 25		
CASING RECORD						TYPE OF PUMP USED (for test)		
casing types insert appropriate code below			STEEL CONCRETE			A air P piston T turbine		
PLASTIC OTHER						C centrifugal R rotary O other (describe below)		
MAIN CASING TYPE			Nominal diameter top (main) casing (nearest inch)			J jet S submersible		
5T			6			27 27		
60 61			63 64			66 70		
OTHER CASING (if used)			diameter inch			depth (feet) from to		
EACH CASING								
screen type or open hole			SCREEN RECORD					
insert appropriate code below			STEEL BRASS OPEN HOLE					
PLASTIC OTHER								
C2			DEPTH (nearest ft.)					
1 2			H0 50 400					
EACH SCREEN			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)		
56 60								
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.) W Q					
70 72 74 75 76								
TELESCOPE CASING LOG INDICATOR OTHER DATA								

PUMPING TEST			PUMP INSTALLED		
HOURS PUMPED (nearest hour)			DRILLER WILL INSTALL PUMP YES NO		
PUMPING RATE (gal. per min. to nearest gal.)			IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS EXCEPT HOME USE		
METHOD USED TO MEASURE PUMPING RATE			TYPE OF PUMP INSTALLED		
WATER LEVEL (distance from land surface)			PLACE (A,C,J,P,R,S,T,O) IN BOX - SEE ABOVE:		
BEFORE PUMPING			CAPACITY: GALLONS PER MINUTE (to nearest gallon)		
WHEN PUMPING			PUMP HORSE POWER		
TYPE OF PUMP USED (for test)			PUMP COLUMN LENGTH (nearest ft.)		
A air P piston T turbine			CASING HEIGHT (circle appropriate box and enter casing height)		
C centrifugal R rotary O other (describe below)			LAND SURFACE (nearest foot)		
J jet S submersible					

CIRCLE APPROPRIATE LETTER A WELL WAS BANDONED AND SEALED WHEN THIS WELL WAS COMPLETED			LOCATION OF WELL ON LOT		
E ELECTRIC LOG OBTAINED			SHOW PERMANENT STRUCTURE SUCH AS BUILDING, SEPTIC TANKS, AND/OR LANDMARKS AND INDICATE NOT LESS THAN TWO DISTANCES (MEASUREMENTS TO WELL)		
P TEST WELL CONVERTED TO PRODUCTION WELL			20' 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.			40'		
DRILLERS IDENT. NO.			L. lot line		
DRILLERS SIGNATURE					
SITE SUPERVISOR (sign. of driller or journeyman responsible for sitework if different from permittee)					

Page _____ of _____
Date _____

mc 13 04
ACROSS FROM 1453
Review _____

FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 81-2358
Location of property (road) TRIADSLPHIA MILL ROAD
Subdivision KALMIA FARMS Lot 27 Block _____ Plat _____ Sec. 2
Well Driller GEORGE EASTERDAY Owner DAVIS, TED

Depth of well 400 LGPM
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 9:00 Pumping rate 10 gpm
Total time 9:15 to reach pumping water level 76 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)
9:15	76'	30 SEC	Pump set 390	2 gpm
9:30	76'	30	350	2 gpm
9:45	76'	30		2 gpm
10:00	76'	30		2 gpm
10:15	76'	30		2
10:30	76'	30		2
10:45	75'	30		2
11:00	75'	30		2
11:15	75'	30		2
11:30	75'	30		2
11:45	75'	30		2
12:00	75'	30		2
12:15	75'	30		2
12:30	75'	30		2
12:45	75'	30		2
1:00	75'	30		2
1:15	75'	30		2
1:30	75'	30		2
1:45	75'	30		2
2:00	75'	30		2
2:15	75'	30		2
2:30	75'	30		2
2:45	75'	30		2
3:00	75'	30		2

6-6-88
AM
anytime

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 #
Date

Name of Installer

Telephone

License Number

Certified Well Pump Installer Well Driller G.E. Registered Plumber

Name of Property Owner TED DAVIS

Telephone

Subdivision KALMA FIELDS Lot # 27 Well Tag # 40-81-2858

Site Address 1101 TAIACOLA MILL RD

Pump

1. Type
 - a. Deep well jet
 - b. Shallow well jet
 - c. Submersible
2. Make
3. Model #
4. Capacity GPM

Motor

1. Horsepower
2. RPM
3. Voltage
 - a. 110
 - b. 220

Pitless Adapter

1. Make
2. Model #
3. Depth

5. Pump exceeds well capacity Yes No
6. If Yes, is low pressure cutoff switch installed? Yes No
7. What methods are used to protect the pump and electrical wiring from vibrations? Torque arrestors Cable guards Other

Tank

1. Capacity
2. Pressure relief valve?

Piping

1. Type
2. Size
3. NSF and/or BOCA Code approved
4. Depth of supply line

Well data

1. Depth 400 ft.
2. Yield 2 GPM
3. Static water level 28 ft.
4. Will water supply be disinfected by installer?

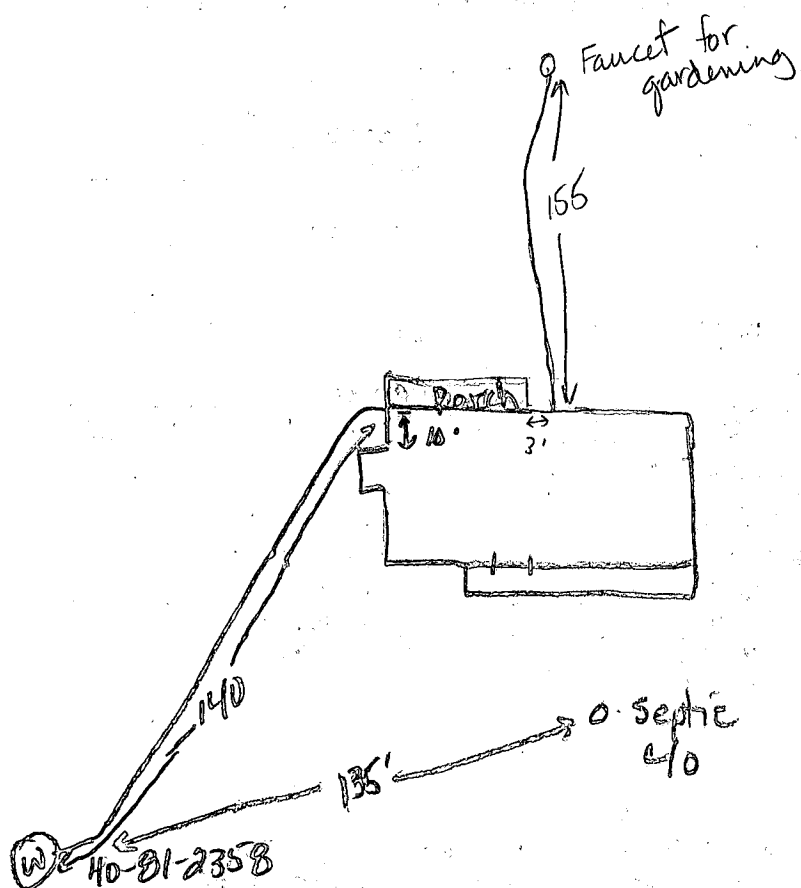
I understand that it is my responsibility to notify the Howard County Health Department when the installation is ready for inspection (otherwise this permit is null and void).

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

Signature of Applicant:

Date:

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



6-6-88 Well line in trench at 42 inches, House connection ok. Pitless adaptor at 44 inches, Ground line laid but not installed yet. Pump tank w/relief valve installed. JENadeau

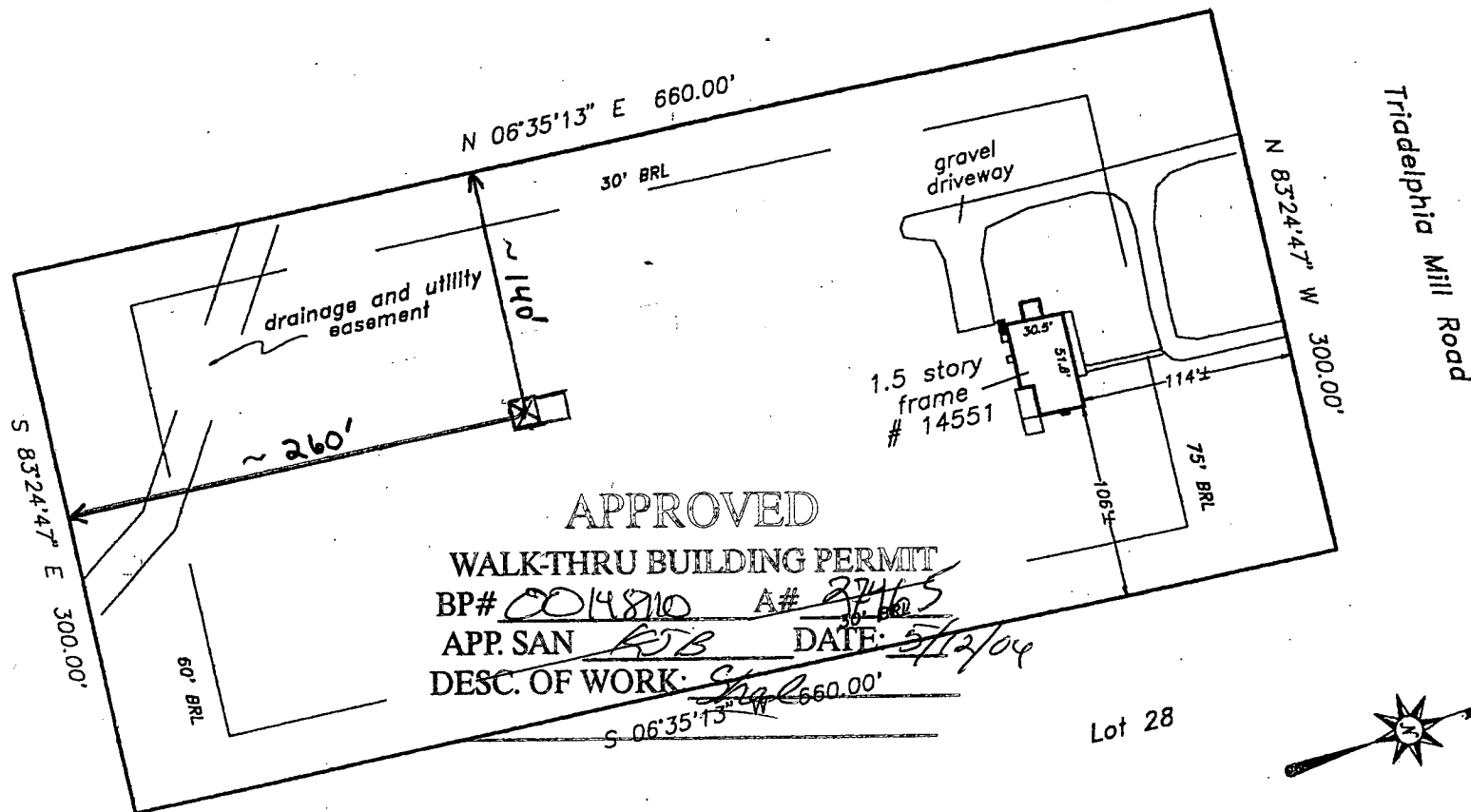
59
 24
 236
 118
 141

16
 34
 544
 224
 134

56
 24
 1224
 154

NOTES:

- 1) B.R.L. Information, if shown, was obtained from existing record plat or local agencies and is not guaranteed by NTT, Inc.
- 2) Building line and/or Flood Zone Information is subject to the interpretation of the originator.
- 3) NTT, Inc. does not certify to unshown or unrecorded encroachments or overlaps.
- 4) Property markers not found, or guaranteed by this location.
- 5) Setback distance accuracy: $\pm 1'$.



APPROVED

WALK-THRU BUILDING PERMIT

BP# 0014810 A# 27165
 APP. SAN RJB DATE: 5/12/04
 DESC. OF WORK: Shed

Lot 28



Subject property is shown in Zone C on the National Flood Insurance Program Flood Insurance Rate Map of Howard County, Maryland, Panel # 25 of 45 Community Panel # 240044-0025 B Effective date: December 4, 1986

This is to certify that I have surveyed the property shown hereon, being known as Lot 27
14551 Triadelphia Mill Road
 recorded in the Land Records of Howard County, Maryland in Plat Bk. 5088 Liber Folio
 for the purpose of locating the improvements thereon.



J. Carl Hudgins
 Property Line Surveyor #98

LOCATION DRAWING
 14551 Triadelphia Mill Road
 Kalmia Farms
 5th election district
 HOWARD COUNTY, MARYLAND

NTT Associates, Inc.

16205 Old Frederick Road
 Mt. Airy, Maryland 21771
 Ph. (410)442-2031
 Fax No. (410)442-1315

Scale:	1" = 100'
Date:	October 15, 1998
Field by:	JLM
Drawn by:	JLM
Drawing #	C984554C

- * This plat is of benefit to the consumer only insofar as it is required by a lender or a title insurance company or its agent in connection with contemplated transfer, financing, or refinancing purposes.
- * This plat is not to be relied upon for the establishment of location of fences, garages, buildings, or other existing or future structures.
- * This plat does not provide for the accurate identification of property boundary lines, but such identification may not be required for the transfer of title or for securing financing or refinancing.