

10/10/95
ASAP

05-405696

PERMIT

SEWAGE DISPOSAL SYSTEM

DEPARTMENT OF HEALTH AND MENTAL HYGIENE

P 50880

A 37296

DISTRICT 5th

DATE 9-19-95

DATE SYSTEM APPROVED 10/10/95

INSPECTOR DKS

HOWARD COUNTY HEALTH DEPARTMENT
BUREAU OF ENVIRONMENTAL HEALTH

~~461-9933~~ 313-2640

INDEXED

Allen Roy Builders, Inc. IS PERMITTED TO INSTALL X ALTER

ADDRESS 20213 Darlington Road, Gaithersburg, MD 20879 PHONE 301-926-1410

SUBDIVISION Williams Contrivance LOT 30 ROAD 9469 Lovat Road

PROPERTY OWNER Moris Alhoe

ADDRESS _____

SEPTIC TANK CAPACITY 1250 GALLONS

NUMBER OF BEDROOMS 4

210 SQUARE FEET PER BEDROOM

LINEAR FEET OF TRENCH REQUIRED 280

TRENCHES - Trench to be 3 feet wide. Inlet 3 feet below original grade. Bottom maximum depth 5 feet below original grade. Effective area begins at 3 feet below original grade. 2 feet of stone below distribution pipe.

LOCATION - Place distribution box 230 feet up the left (304.47) lot line and 20 feet off that same lot line as seen when facing the lot from Lovat Road. Run trenches on contour toward Elizabeth Court.

NOTES - No trench to exceed 100 feet in length. Provide 6" - 8" diameter cleanout and cap to grade or above on septic tank. 8-21-95 OK AW

PLANS APPROVED BY Craig Williams DATE 6/7/95

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, 90° ELBOWS NOT ACCEPTABLE.

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 35/40 PVC OR ABS

PERMIT VOID AFTER TWO YEARS

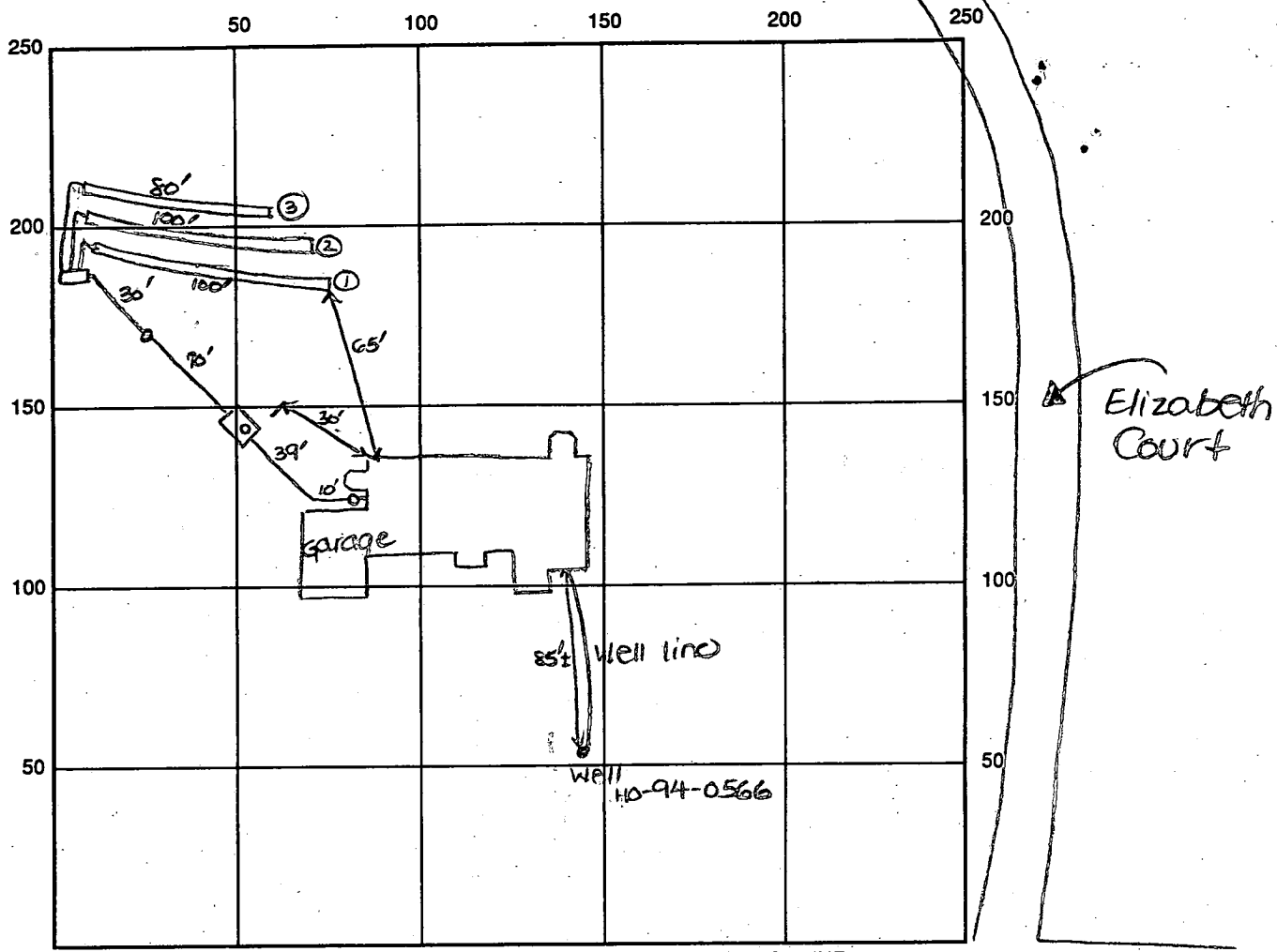
NOTE: INSTALL STAND PIPE ON SEPTIC TANK AND DRY WELL STAND PIPES MUST BE 6 INCHES IN DIAMETER CAST IRON. CONCRETE OR TERRA COTTA OR PVA OR ABS ACCEPTED. IF TOP OF SEPTIC TANK IS DEEPER THAN 3 FEET. MANHOLE TO GRADE REQUIRED.

NOTE: DISTRIBUTION BOXES MUST HAVE BAFFLES

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

SLDG. PERMITS
AND RETURNED 6/28/2000
B00125194
DECK & GAZEBO

A
37296



INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE

Lovat Road

SEPTIC TANK LEVEL OK-1250 gal CLEANOUTS one on st., two in line

DISTRIBUTION BOX LEVEL OK-baffle in

DRAIN FIELD/TITLE DEPTH 5 FT. TRENCH WIDTH 3 FT. INLET DEPTH 3 FT.

EFFECTIVE GRAVEL DEPTH 2 FT. TOTAL LENGTH ① 100 ② 100 ③ 80 FT. → 280' total

NUMBER OF TRENCHES 3 ~~NUMBER OF TRENCHES~~ / BOTTOM AREA 840 SQ. FT.

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

ABSORBENT AREA 840 SQ. FT.

REMARKS: 10/10/95 Final - OK to cover all work. DKS

DATE SYSTEM APPROVED 10/10/95 INSPECTOR Dona [Signature]

APPLICATION

SEWAGE DISPOSAL TESTING

STATE OF MARYLAND - DEPARTMENT OF HEALTH AND MENTAL HYGIENE

HOWARD COUNTY HEALTH DEPARTMENT
ENVIRONMENTAL HEALTH SERVICES
P. O. BOX 473 ELLICOTT CITY, MARYLAND 21043
TELEPHONE: 992-2330

A 37296

P _____

DISTRICT 5th

DATE 4/26/84

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 C. Ellsworth Iager

ADDRESS 11788 Route 216 Fulton, Maryland 20759 PHONE 725-2075

PROPERTY LOCATION:

SUBDIVISION Williams Contrivance LOT NO. 13 30

ROAD AND DESCRIPTION End of Lovet Road

S.F.D. 4 bms
~~SEWER PERMIT~~ SIGNED
AND RETURNED 8-11-95

SIZE OF LOT 3.0 acres TYPE BLDG. residential
(NUMBER OF BEDROOMS)

Serial # 59958

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.

C. Ellsworth Iager
(SIGNATURE OF APPLICANT)

APPROVED BY _____ FOR _____ DATE _____

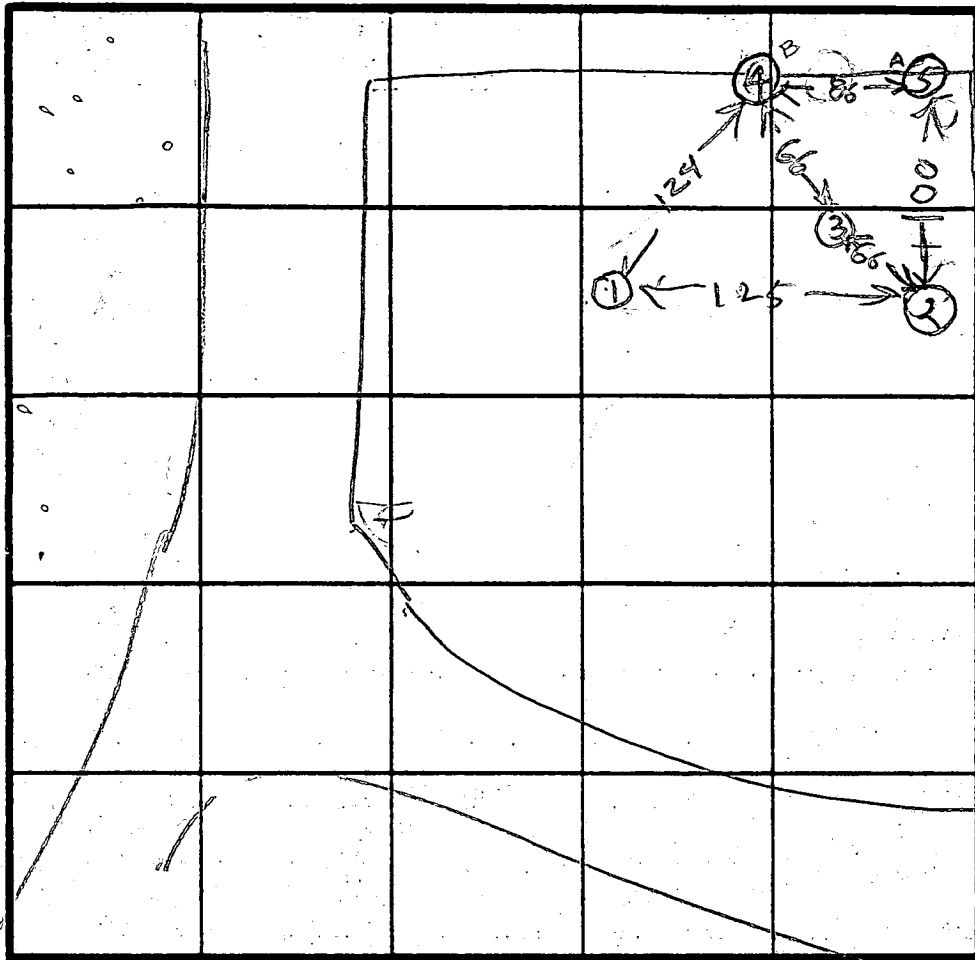
REJECTED BY _____ FOR _____ DATE _____

HOLD PENDING FURTHER TESTS _____ DATE _____

REASONS FOR REJECTION OR HOLDING _____

THIS IS NOT A PERMIT

LOT NEW
13



HOLE ELEVATION
⑤ LOW
② LOWEST
③+ MEDIUM
① HIGHEST

INDICATE NORTH - NAME ADJOINING ROADWAY AS BASE LINE.

SOIL PROFILE

0
1/2
RED BROWN CLAY
GRAY BROWN SAND LOAM

0
2
②
BROWN SAND LOAM
GRAY BROWN SAND LOAM
A FEW COBBLES

3
11
③
BROWN RED CLAY
BROWN SAND LOAM
FOSSILS
SPRINTS

DATE	TEST NO.	DEPTH	PRE-WET		TEST - 1" DROP		TIME
			START	STOP	START	STOP	
8/6/36	1S 11D	3 7	1047	1048 1050	1048	1049 1058	8
	IV	11 1/2	LOOKS OK				
	2S 2V	2 10	1059	1100 LOOKS	1100	1102	2
	3V	11	LOOKS OK				
	4V		ON LINE HOLE		14C & 13B		
	5V		ON LINE HOLE		13A & 14B		

66

END NO
1-2-2 FOR
LO

REMARKS ON LINE HOLES (⑤) DUG PER PLAN
①②③ OTHER HOLES DUG DIFFERENTLY
TESTED BY RAYMOND HODGES ALSO PRESENT ROCKY & SKIP

EH 12-1079

C1 2749 SEQUENCE NO. (MDE 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 # 37296

ST/CO USE ONLY
 DATE RECEIVED

DATE WELL COMPLETED
 072095

Depth of Well
 420 (TO NEAREST FOOT)

PERMIT NO.
 FROM "PERMIT TO DRILL WELL"
 110-94-0566

OWNER ALLEN ROY BUILDERS, INC. last name first name
 STREET OR RFD LOVAT ROAD TOWN FULTON
 SUBDIVISION WILLIAMS CONTRIVANCE SECTION 3 LOT 30

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	
SAND	0	26	
GRAY MICHA Rock	26	420	

Filled in by well with cement + drilling materials

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

TYPE OF GROUTING MATERIAL (Circle one)
 CEMENT CM BENTONITE CLAY BC
 NO. OF BAGS 9 NO. OF POUNDS 846
 GALLONS OF WATER 54
 DEPTH OF GROUT SEAL (to nearest foot)
 from 0 ft. to 27 ft.

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

MAIN CASING TYPE
 Nominal diameter top (main) casing (nearest inch) 6
 Total depth of main casing (nearest foot) 30

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

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

NUMBER OF UNSUCCESSFUL WELLS: 1
 WELL HYDROFRACTURED Y N

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 26.04.04 "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.

TYPE: MWD/MSD/MD
 DRILLERS LIC. NO. 24

DRILLERS SIGNATURE
 (MUST MATCH SIGNATURE ON APPLICATION)
 Joseph L. Mayne

LIC. NO.

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

DEPTH (nearest ft.)
 1 H0 29 420
 2
 3
 4
 5
 6
 7
 8
 9
 10
 11
 12
 13
 14
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 60

GRAVEL PACK IF WELL DRILLED WAS FLOWING WELL INSERT F IN BOX 68

MDE USE ONLY (NOT TO BE FILLED IN BY DRILLER) (E.R.O.S.)
 T W Q
 70 72 74 75 76

TELESCOPE CASING LOG INDICATOR OTHER DATA

C 3

PUMPING TEST
 HOURS PUMPED (nearest hour) 6
 PUMPING RATE (gal. per min.) 1
 METHOD USED TO MEASURE PUMPING RATE Bucket
 WATER LEVEL (distance from land surface)
 BEFORE PUMPING 41 ft.
 WHEN PUMPING 38 ft.

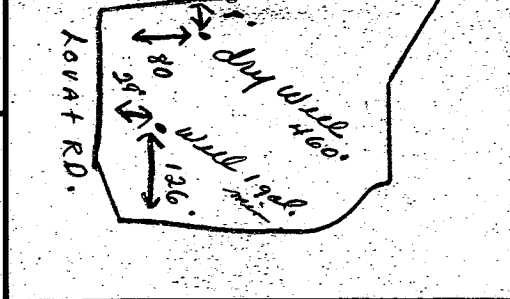
TYPE OF PUMP USED (for test)
 A air P piston T turbine
 C centrifugal R rotary O other (describe below)
 J jet S submersible

PUMP INSTALLED
 DRILLER WILL INSTALL PUMP (CIRCLE) (YES or NO) NO

IF DRILLER INSTALLS PUMP, THIS SECTION MUST BE COMPLETED FOR ALL WELLS
 TYPE OF PUMP INSTALLED PLACE (A,C,J,P,R,S,T,O) IN BOX 29
 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
 - below
 LAND SURFACE (nearest foot) 1

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)



FIELD DATA SHEET
HOWARD COUNTY WELL YIELD TEST

Well Permit No. HO - 94-0566
 Location of property (road) LOVAT RD.
 Subdivision WILLIAM CONTAINANCE Lot 30 Block Plat Sec.
 Well Driller Joseph MANNING Owner Allen Roy BUILDERS

Depth of well 420'
 Distance of measuring point (M.P.) above ground 1'
 Static water level (S.W.L.) below M.P. 41'

I. High rate pumping -- reservoir drawdown

Time pump started 7:30 Pumping rate 15 gpm.
 Total time 45 min. to reach pumping water level 384 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 1/2 gallon bucket	FLOW METER READING (if used)	CALCULATED FLOW (gallons per minute)
7:45	177'	4 sec.	n/a	15 gpm.
8:00	293	4		15
8:15	384	4		15
8:30	382	60		1
8:45	382	60		1
9:00	382	60		1
9:15	382	60		1
9:30	382	60		1
9:45	382	60		1
10:00	382	60		1
10:15	382	60		1
10:30	382	60		1
10:45	382	60		1
11:00	382	60		1
11:15	382	60		1
11:30	382	60		1
11:45	382	60		1
12:00	382	60		1
12:15	382	60		1
12:30	382	60		1
12:45	382	60		1
1:00	382	60		1
1:15	382	60		1
1:30	382	60		1

1:45 381
2:00 281
2:15 281

60 sec
60
60

1 gpm.
1

95 JUL 24 AM 11:23

RECEIVED
FEDERAL BUREAU OF INVESTIGATION
U.S. DEPARTMENT OF JUSTICE

10/20/95
Anytime

HOWARD COUNTY HEALTH DEPARTMENT
Bureau of Environmental Health
3525-H Ellicott Mills Drive
Ellicott City, MD 21043
481-9933

APPLICATION FOR PITLESS ADAPTER, WELL PUMP AND PRESSURE TANK INSTALLATION

New Installation
Replacement

Receipt # _____
Date 10/16/95

Name of Installer R.L. CARTER PLUMBING

Telephone 301-470-3764

License Number 19883

Certified Well Pump Installer Well Driller Registered Plumber

Name of Property Owner ALLEN ROY BOWLERS
Subdivision WILLIAMS COMBANCE Lot # 30
Site Address 9469 LOUAT ROAD, FULTON, MD.

Telephone 301-926-1410
Well Tag # HD-940-0566
10-94-0566

Pump
1. Type
a. Deep well jet _____
b. Shallow well jet _____
c. Submersible
2. Make JARVIS
3. Model # _____
4. Capacity 5 GPM
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 _____

Motor
1. Horsepower 3/4
2. RPM 3450
3. Voltage _____
a. 110 _____
b. 220

Pitless Adapter
1. Make JARVIS
2. Model # _____
3. Depth (4) FOUR FEET

Tank
1. Capacity (2) 20 GAL
2. Pressure relief valve? no
pitless adapter OK at 3 1/2 ft
+ water line 10/20/95

Piping
1. Type PLASTIC
2. Size 1"
3. NSF and/or BOCA Code approved
4. Depth of supply line 345 FEET

Well data
1. Depth 360 ft.
2. Yield 1 GPM
3. Static water level 320 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).

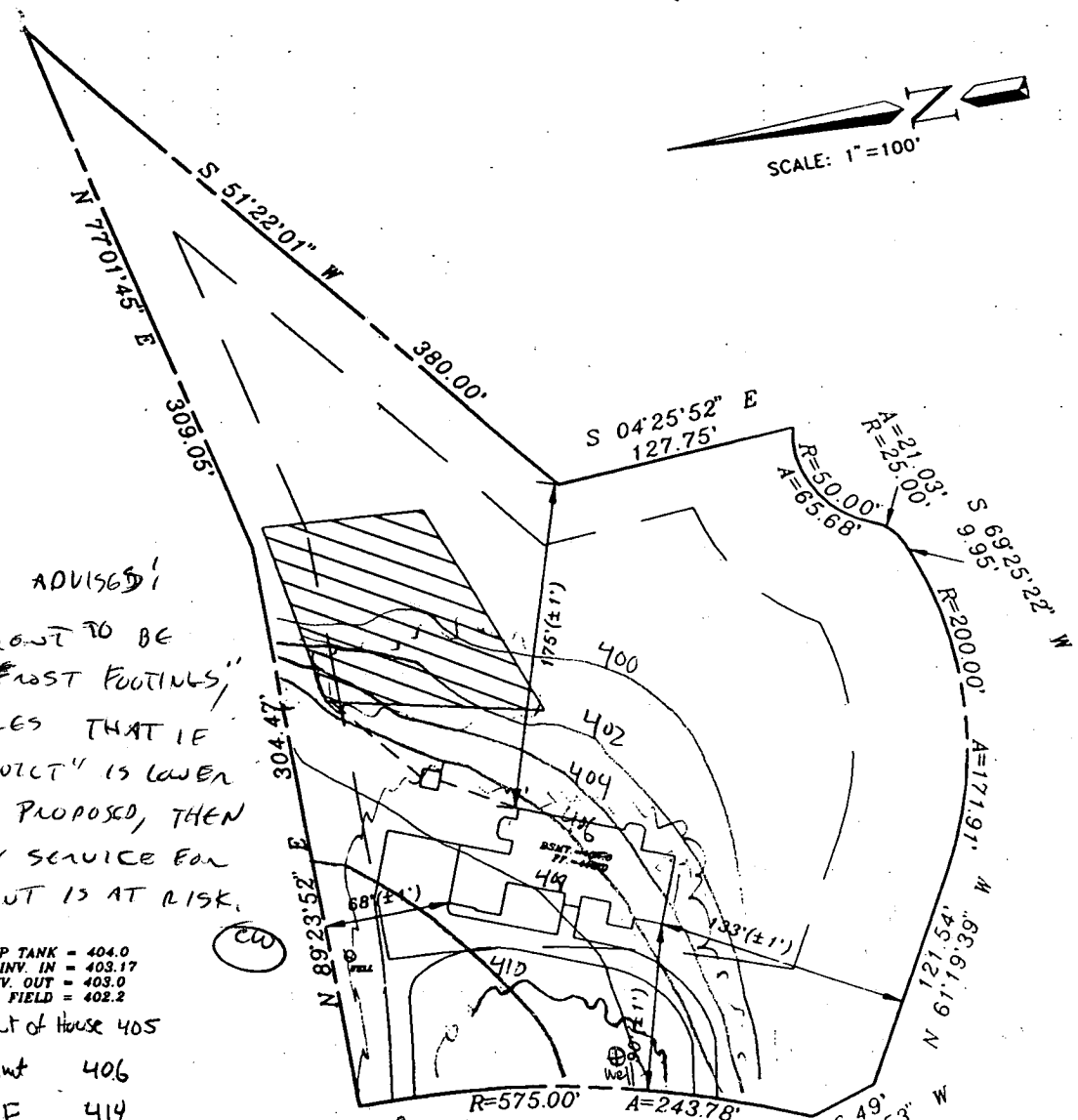
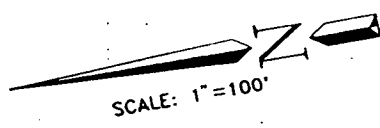
All information given above is true to the best of my knowledge.

Signature of Applicant: Richard L. Carter

Date: 10 16 95

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

570578



BUILDER ADVISED:
BASEMENT TO BE
ON "FIRST FOOTINGS"
REALIZES THAT IF
"AS BUILT" IS LOWER
THAN PROPOSED, THEN
GRAVITY SERVICE FOR
BASEMENT IS AT RISK.

- TOP TANK = 404.0
- INV. IN = 403.17
- INV. OUT = 403.0
- INV. @ FIELD = 402.2
- Inv out of House 405
- BSMT 406
- F.F. 414

Approved Septic System Plan Howard County Health Department

95 AUG 11 AM 11:16

HOWARD COUNTY HEALTH DEPT

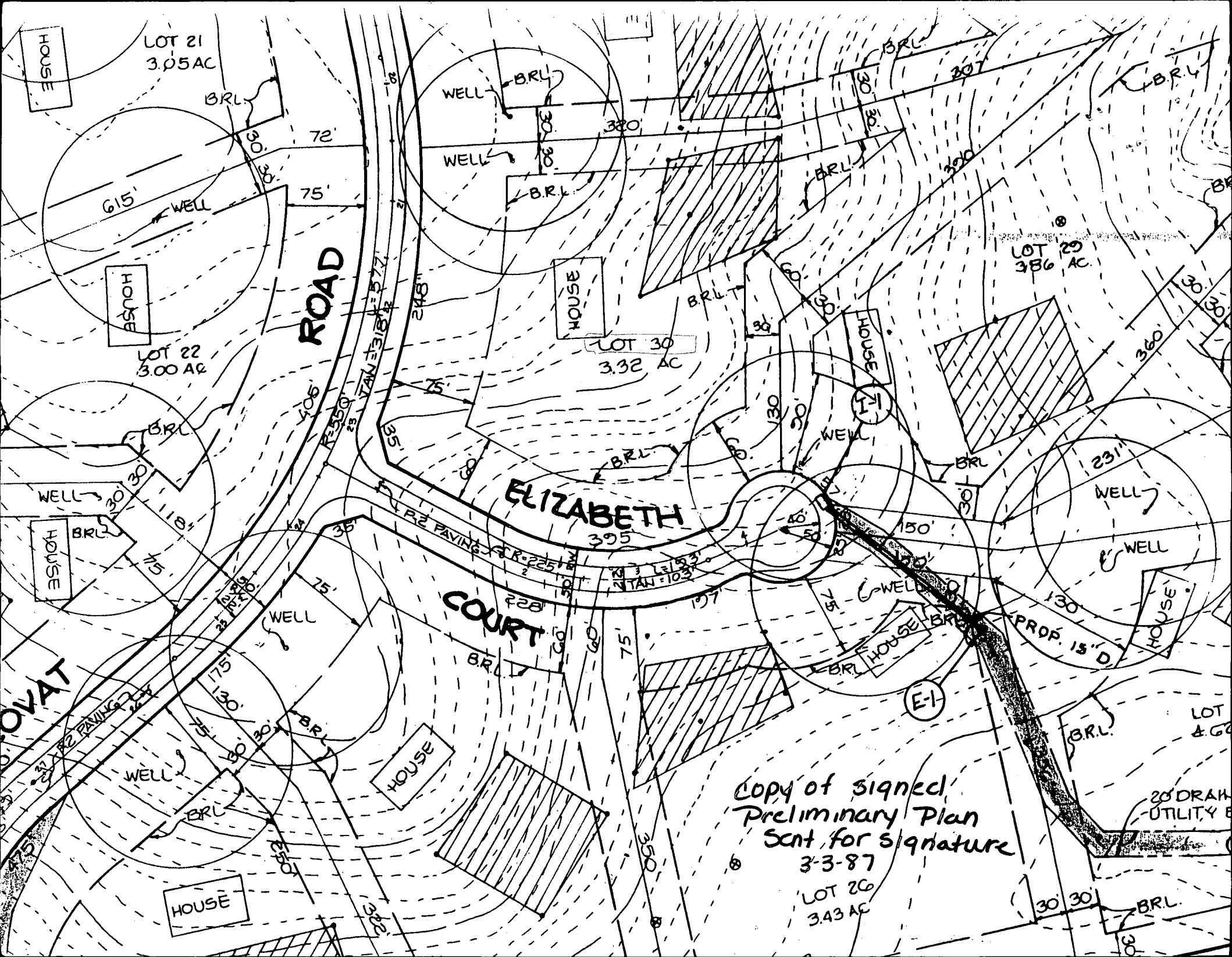
NORMAN R. MILLER (P.L.S. 586)

Norman R. Miller 5-19-95
Signature

Ag Wells 8/4/95
Date

LOT 30 SECTION 3
WILLIAMS CONTRIVANCE
HOWARD COUNTY, MARYLAND, 80759

ALLEN ROY BUILDERS
20213 DARLINGTON ROAD
GAITHERSBURG, MARYLAND, 20879
(301) 926-1410



LOT 21
3.05 AC

LOT 22
3.00 AC

LOT 30
3.32 AC

LOT 29
386 AC

ELIZABETH
395

LOT 20
3.43 AC

ROAD

COURT

Copy of signed
Preliminary Plan
Sent for signature
3-3-87

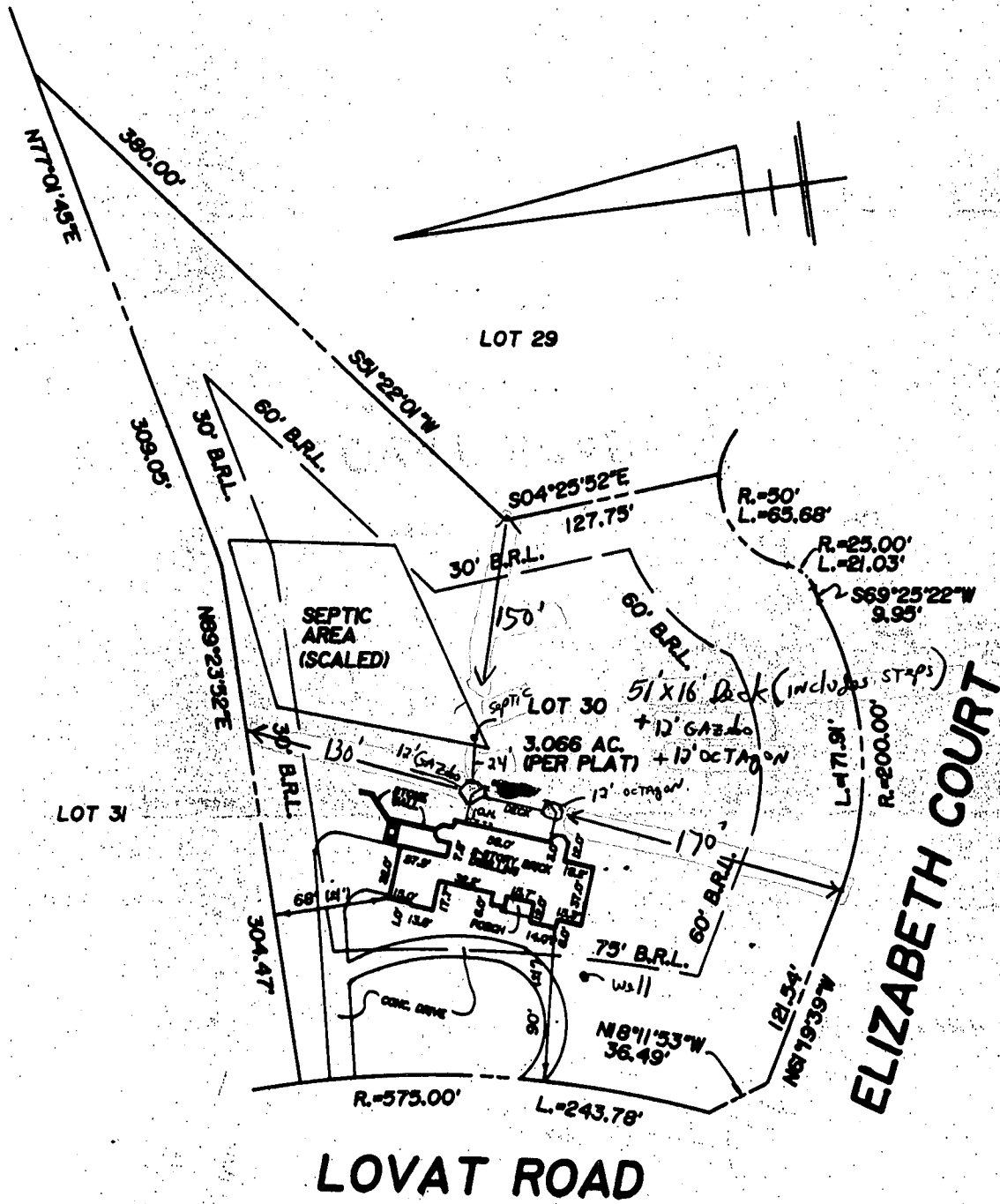
E-1

20' DRAW
UTILITY E

LANDTECH ASSOCIATES, INC.

1410 CRAIN HIGHWAY, N.W. SUITE 711 GLEN BURTON, MD. 21061
 (410) 768-2121 FAX (410) 553-9081

NOTE: NOT TO BE USED FOR THE ISSUANCE OF PERMITS.



Notes:

- 1) 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 contemplated transfer, financing or re-financing.
- 2) This plat is not to be relied upon for the establishment or location of fences, garages, buildings, or other existing or future improvements.
- 3) 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 securing financing or refinancing.
- 4) No title report furnished.



Certification: This is to certify that the improvements indicated hereon are located as shown.

Braden A. Rogers
 BRADEN A. ROGERS - Prop. L.S. MD. Lic. No. 119

LIBER _____ FOLIO _____
 LOT 30 BLOCK _____ SECT. 3 PLAT _____
 PLAT ENTITLED WILLIAMS CONTRIVANCE ESTATES
 RECORDED IN HOWARD CO. MD.
 PLAT BOOK 7280 FOLIO _____

9469 LOVAT ROAD
 SCALE 1"=400' CASE NO. 1576
 DATE 10-20 99 JOB NO. MSC-99077